8-STATE REPEATER INDEX INSIDE

SERA Repeater Journal

The Official Voice of SERA, Inc.

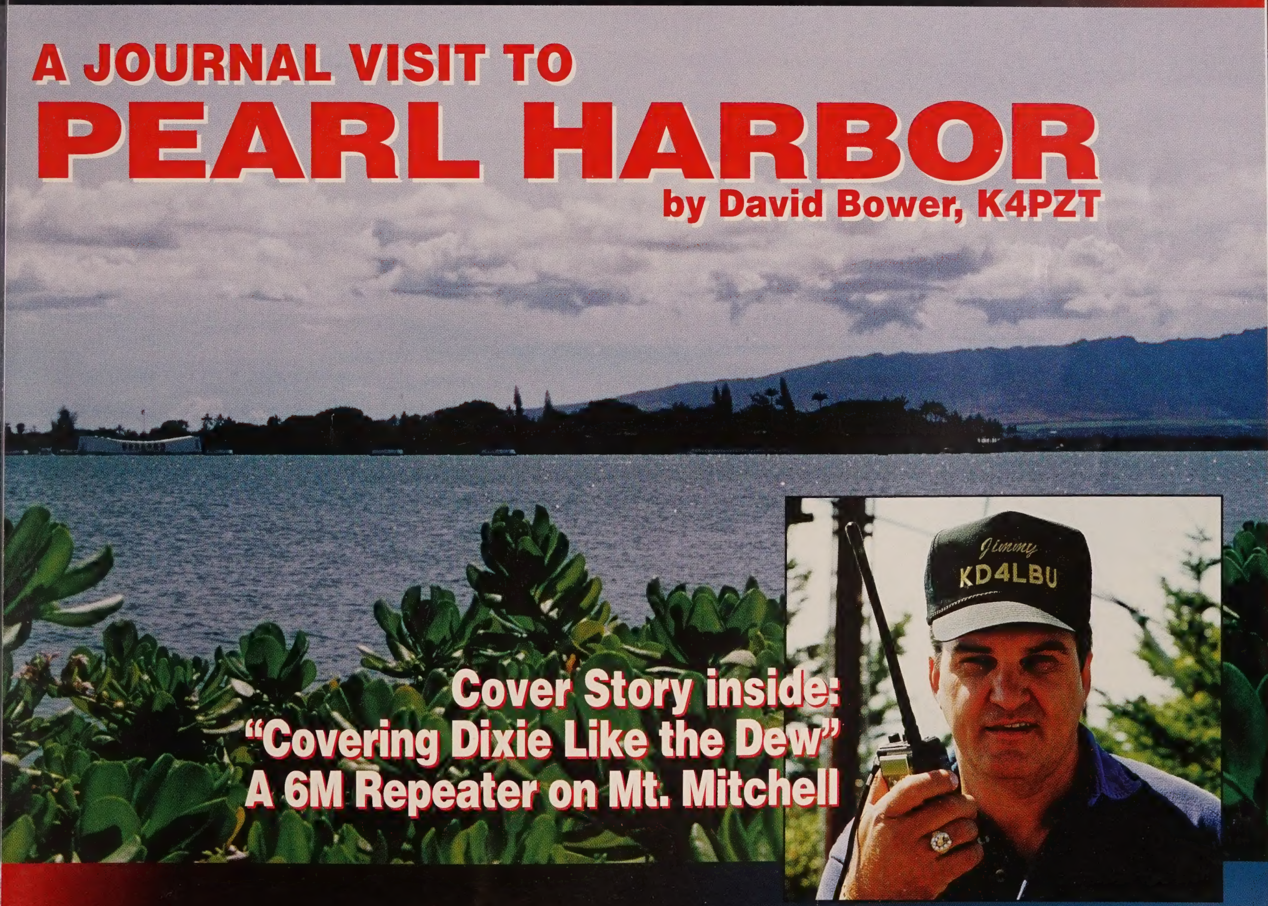
NOV., DEC., 1997, JAN. 1998 3.00

Features In This Issue:

SERA Officers Up for Re-election
The "hamette" talks about Disability
The History of Mt. Mitchell
Local State News Coverage
NEW! 1998 Hamfest Calendar
Updated 8-State Repeater Index

A JOURNAL VISIT TO
PEARL HARBOR

by David Bower, K4PZT



Cover Story inside:
"Covering Dixie Like the Dew"
A 6M Repeater on Mt. Mitchell

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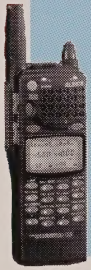

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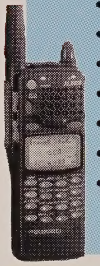

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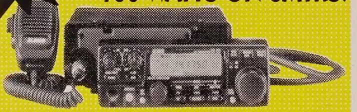

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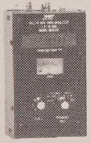

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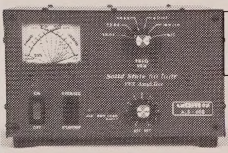

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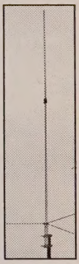

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You are invited to contact your local coordinator listed on this page for repeater coordination, listings, changes to listings, or any other SERA Service. If by phone, please call in the evening hours-after dinner, and before normal bedtime hours. Most all are on E-Mail for communication too. And finally, most all officials may be contacted through the Official SERA Web site: http://www.sera.org

** Members of Executive Committee*

NOV., DEC., 1997, JAN. 1998 - ISSUE 4

For 26 Years - The Premier Magazine for Amateur Repeater Owners & Repeater Users in The SouthEast

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

Page 1 - Editorially Speaking . . !

This 'N' That - Here 'N' There

Thought I would kinda ramble around a little bit, to bring you up-to-date of what's happening since we last met in August. Looks like I'll be here, but working for new Bosses next year. Our present President has decided he prefers to drop out of the ranks of Officer for SERA. Dave has done a good job through some trying times for us. Another "old" friend is also leaving, Ray Adams, our Treasurer. (I've kinda written a little "tribute" to them elsewhere this issue.

* * * * *

Well, Williams Radio is no more. We sold out our final batch of stuff to another dealer in September, closed the doors, disconnected the phone, remodeled the area and bought some furniture, and moved the TV, satellite and stereo out here in the old store area. (Oh! You didn't know that I was the same fella that ran the ham store!)

My final hamfest as a businessman was Roanoke. It was fitting. I had attended my first Roanoke hamfest 21 years ago, and the club extended me a very gracious farewell complete with a deliciously decorated chocolate cake and some very nice words on the stage. All in all, we attended over 450 shows during our years on the road. We pretty much kept within a 300 mile radius of our NC home, but still, there were lots of shows to go to. We averaged around 22 to 25 per year.

* * * * *

Cindy Rogers, our Happy Hamette finally wrote the article she has been agonizing over for the past two years. It turned out absolutely great,, as I would have expected it to. Her subject: The Disabled Ham and Hamfests! It will be good reading for those who sponsor hamfests to take some notes. She wrote without being persnickerty, but definitely serious as to what is wrong at so many places and what persons with some disabilities have as obstacles when they visit - be sure to read it.

* * * * *

Hey! Have you gotten a letter from one of the big national amateur stores? It seems they're offering a super deal for clubs. It comes down to the fact that everyone in the club makes purchases from their store, turns over the receipt of purchase to the club, which makes copiesand then can get a "whopping" 1% credit toward any purchase they wish to make. Like wow!!!! Our club members will only have to purchase about $125,000.00 from them to get credit enough for a new ICOM IC-706 MK-II. I've got a better idea for you clubs who have done got all excited over this. Check your Repeater Journal advertisers. I Guarantee their prices are from 4 to 8% LESS than the "big boy(s)." And you were gonna settle for a piddly 1% bonus!

(Continued on Page 11)

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The SERA Repeater Journal

Nov., Dec. 1997, Jan. 1998
Volume 26, No. 4
Organized in 1971

"Celebrating 26 Years" Of Continuous Service To Amateur Radio

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Be Sure to Check out the Official SERA Web Site: http://www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal,* voice of SERA is published quarterly, the first Friday of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor who is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 1,950 repeaters available to over 90,200 Amateurs covering 329,000 square miles from the Southeastern member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 26th year of service in 1997 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal,* and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first Friday of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with an asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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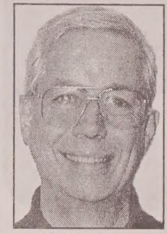
Two Newcomers Nominated for SERA Officer Slate



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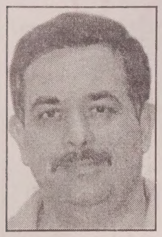


H.Alex Hedrick, N8FWL
FOR SECRETARY

Johnny Wofford, WA4ETE
FOR TREASURER

-by Wayne C. Williams, K4MOB
Repeater Journal, Editor

If they are unopposed and are elected, the SERA Board will take on a new look as far as officers are concerned.

Only Alex Hedrick, N8FWL, Secretary chose to run for re-election and was nominated.

Newcomers nominated are: Don Williams, WA4K, President, Dick Fowler, N8FMD, Vice-President and Johnny Wofford, WA4ETE Treasurer.

These four nominees will stand for election if there are no "from the floor" nominees. Printed in this page to the right is a "from the floor" Officer nomination form, whereby any eligible SERA Full Member may nominate someone else for any of the officers which are up for re-election this year.

If there are no valid "from the floor" nominations, the Nominating Committee's selection mentioned above will be automatically elected and will serve the two year term of 1998-1999. They will take office on January 1, and participate in the January Board meeting.

Leaving the Board after many years of service are Dave Shiplett, AC4MU, President and Ray Adams, W4CPA. Treasurer. Neither wished to be nominated for another term.

Don Williams, WA4K

Don was SERAs Vice President this past term, as well as Virginia Director. This time, he is seeking the office of SERA President.

(Here is a statement submitted by the candidate.)

Don Williams, WA4K, was licensed in February, 1961, as WN4AUA. He passed his General Class license exam prior to receiving his Novice, receiving the call sign WA4AUA. Williams was the first WA4 to check into the Virginia Fone Net, in 1961. He was active in Virginia Army MARS during two terms from 1961 to 1971, and from 1993 to present.

Williams has been active on HF for 36 years and on VHF since January 1978.

He has been a member of SERA since February 1978.

He is a life member of ARRL, a member and past president of the East River Amateur Radio Club, past chairman of the Bluefield Hamfest, treasurer of the Giles Amateur Radio Association, and a past member of the Appalachian Repeater Association.

Williams became Vice Director of the SERA Virginia District on January 1, 1987. He has served as the frequency coordinator since that time for the western half of Virginia. He was elected SERA Vice President for the years 1996 and 1997 and was elected the

(Continued on Page 7)

SERA OFFICER NOMINATING FORM

For the Office of SERA President, Vice President, Secretary or Treasurer

This completed form must be mailed to the Secretary - postmarked no later than NOON, Nov. 28, 1997.
Note: The Secretary must also be notified verbally by phone no later than NOON Nov. 28, 1997.

To The SERA Secretary:
The below named person is nominated to the Office listed. This person has been contacted and through their enclosed acceptance letter will serve if elected. The nominee is (1) a Qualified SERA FULL MEMBER, appropriated listed as such in the **February 1997 Repeater Journal**, (2) is not an officer in any other coordination council (3) and fully qualifies under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and THREE other elegible SERA Full Members will be added to the nominating committe's list of nominees. This "from the floor" nomination will cause an election to be held by written ballot, mailed to every Full Member in all eight SERA Districts.

NOMINEE INFORMATION: (Use separate sheet for EACH Nomination-
(President, Vice President, Secretary or Treasurer)

Nominated for the SERA office of ________________________(one office per sheet)

Name________________________________Callsign____________

Address______________________________Phone (   ) ____________

City__________________________State__________Zip__________

Is a representative of the ________________________**Full Member** Repeater System

Person has been contacted and has agreed to serve - [   ] Yes - Acceptance letter enclosed? [   ] Yes
Please include a brief Biographical sketch of nominee on a separate sheet of paper - enclosed? [   ] Yes

This Nomination is made and certified by qualified SERA full member:

Name________________________Callsign____________State________

Phone [   ] ______________ Signature________________________

I am a member of ________________________**SERA Full Member** Repeater Group.

Please list three other Full Member Repeater Representatives (each must sign this sheet)

(1) Signature ________________________________ Callsign ____________

(2) Signature ________________________________ Callsign ____________

(3) Signature ________________________________ Callsign ____________

Mail this fully completed form with other necessary paperwork to:

H. ALEX HEDRICK, JR., N8FWL, SERA Secretary, P.O. BOX 417, BECKLEY, WV 25802-0417
This mailing must be postmarked no later than 12:00 NOON November 28, 1997, with verbal notification ALSO REQUIRED by phone, to the Secretary, at (304) 252-6611 (home) or (304) 673-6611 (work) no later than 12 NOON, November 28, 1997.

IMPORTANT:
All eligibility conditions, for nominee as per SERA By Laws, and all requirements of this nomination form must be met for a legitimate nomination from the floor. Otherwise, the nomination must be disqualified as non valid for the forthcoming officer election.
SERA BY-LAWS and Further information available at our Web site: www.sera.org

THE 1997 GREATER

GREENSBORO, NC

HAMFEST

SATURDAY DECEMBER 6

9:00 AM TO 3:00 PM

Greensboro Coliseum

Special Events Center

DIRECTIONS: I-85 - FREEMAN MILL EXIT - I-40W - EXIT 217 HIGH POINT ROAD - I-40E - PATTERSON ST. EXIT 216

Admission $5.00 Advance - $6.00 at the door
Parking $1.00 Advance - $3.00 at the gate

MAJOR DEALERS

AMATEUR & COMPUTER

Hundreds Of Inside Flea Market Spaces

GGHamfest
Proudly
Sponsored by: 76 GROUP GREENSBORO

FCC EXAMS ON SITE

Pre-Register Only

FOR INFORMATION - REGISTRATION - TICKETS

WRITE OR CALL

GREATER GREENSBORO HAMFEST
P.O. BOX 7862
GREENSBORO, NC 27417-0862
(910) 851-1676 **(Around the Clock)**

VISIT OUR WEB SITE: http://www.sabwc.com/gsohamfest

IMPORTANT NOTES:

- Ticket Prices are $6.00 at the door
  Save $1.00 on tickets by pre-registering
- Coliseum parking at the gate is $3.00.
  Save $2.00 on parking by pre-registering
- Shuttle Bus Service to Town Centre Mall
- Talk-in: 145.25 and 146.76
- Pre-Registration FCC Exams at noon

Send in your advanced registration form, SASE and check now and save $3.00. ($1.00 on ticket and $2.00 on parking) and be eligible for Pre-Registration gift. We must receive your requests no later than Nov. 22. so we can return your passes by mail before the show to get discounts. (You must show pass to get parking) This will be your *last* opportunity to preregister by mail.

THE 1997 GREATER
GREENSBORO, NC
HAMFEST

SANCTIONED **HAMFEST**

Layout & Access Routes
The Greensboro Coliseum Complex

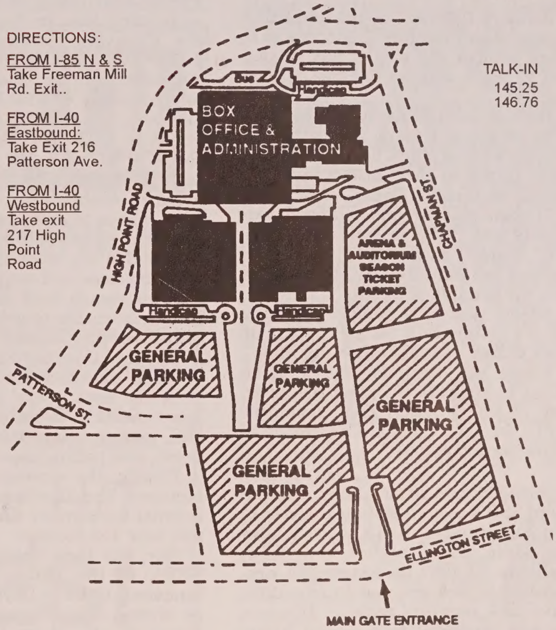
DIRECTIONS:

FROM I-85 N & S
Take Freeman Mill Rd. Exit..

FROM I-40 Eastbound:
Take Exit 216 Patterson Ave.

FROM I-40 Westbound
Take exit 217 High Point Road

TALK-IN
145.25
146.76


Bus
Handicap
BOX OFFICE & ADMINISTRATION
HIGH POINT ROAD
CHAPMAN ST.
ARENA & AUDITORIUM SEASON TICKET PARKING
Handicap
Handicap
GENERAL PARKING
GENERAL PARKING
GENERAL PARKING
GENERAL PARKING
PATTERSON ST.
ELLINGTON STREET
MAIN GATE ENTRANCE

FREE!
Shuttle Bus Service
For Wives and Kids to the Four Seasons Town Centre Beginning at 9:00 AM

Pre-Registered Volunteer Exams by the Greensboro W5YI VE-Team

Saturday, December 6th at 12:00 noon (check-in) 1:00 PM testing begins. Cutoff date is Nov. 24, 1997. Send written request to verify which elements you will be taking. Send photocopy of present license, any certificates, and check or money order for $6.25 payable to Greensboro W5YI, VE-TEAM. Send info to: GSO W5YI, Greensboro W5YI, VE-TEAM, 3025 Sourwood Rd., Greensboro, NC 27408. Don't forget your original license, any certificates and valid picture I.D., (Birth Certificate, etc.) to the test session. Need more info? call **Charles Layno, WB4WOR at (910) 288-3635.**

CLIP THIS FORM AND MAIL WITH YOUR CHECK & SASE TODAY!

Pre-Register me for the Dec. 6, 1997. Enclosed is my check for:

______ ☐ HAMFEST TICKETS @ $5.00 EACH.................................$ ______
______ ☐ FLEA MARKET TABLES (INSIDE) @ $15.00 each ....$ ______
______ ☐ CHAIRS @ $1.50..$ ______
______ ☐ ELECTRICAL HOOKUP @ $25.00.......................................$ ______
______ ☐ PARKING PERMIT @ $1.00 (see important note pg. 4)....................$ ______

TOTAL ....$ ______

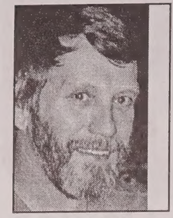
Monies must be received in Greensboro no later than November 25, 1997.
Make all checks payable to the **Greater Greensboro Hamfest**
Send form, check & SASE to: GGHamfest, P.O. Box 7862, Greensboro, NC 27417-0862

Pls. Send Required SASE

Name ______________________ Callsign __________
Address ______________________ Phone (   ) __________
City ______________________ State __________ Zip __________

Both Chose Not to Run for Office Again

Shiplett and Adams Leave SERA Board



Dave Shiplett, AC4MU
Outgoing SERA President

Ray Adams, W4CPA
Outgoing SERA Treasurer

-by Wayne C. Williams, K4MOB

January 1998, will be the first SERA Annual Board meeting to convene in 16 years without the face of Ray Adams, and 12 years without the face of Dave Shiplett.

Both of these SERA Board members have chosen not to be nominated for another term of office. Each will pursue other things in their future in volunteering in Amateur Radio.

"I might stick around and try to participate with SERA in some other manner," Shiplett said, "Right now, I feel the time has come for new blood to take over the running of SERA."

Adams said, "I'm almost 62 years-old, it's getting time for me to hang up a few things and ease off on my time."

Adams will continue his role of an officer in WCARS/VEC, and the chairman of the Question Pool committee (QPC) for the National Conference of Volunteer Examiners.

* * * * *

Dave Shiplett, AC4MU first came on board SERA as an Assistant Director to Jim Abercrombie, N4JA, shortly after the state came under the SERA umbrella. In 1987 he was elected vice-Director of Georgia, and in late 1988, Dave took over the reins as Director. He was re-elected to a second 2-year term in 1989, and a 3rd in 1991.

In late 1991, Carter Cogle, K4ARO declined a re-nomination, and Shiplett was quickly nominated and elected for the 1992-93 term of SERA President.

He turned the task of coordination for the state of Georgia, to one of his Assistants, Stu Sims, N4MXC, who became Director.

Shiplett won re-election for two more terms, serving as SERA President for 6 years.

Dave was also elected as a Director of the newly formed NFCC, (National Frequency Coordinators Council), where he will continue for the present.

He helped SERA get into the modern age of computerized technology, the internet, and spoke several times as national frequency coordinator's meetings at Dayton.

* * * * *

Ray Adams, W4CPA (formerly N4BAQ) was unknown to most SERA Board members when they attended the annual meeting at Shelby in September of 1981. A crisis had arisen - our Treasurer had abruptly quit. Someone on the board knew of this knowledgeable ham in Knoxville named Ray Adams, and the Board made the call. On the phone that evening, Adams was nominated, and appointed to the office of Treasurer. since that date, Ray has been re-elected every term since, a period of 16 years.

The November 1981 Repeater Journal said . . ."Ray is a Certified Public Accountant, operating his own accounting firm in Knoxville. He was the Knoxville Hamfest chairman in 1979, Vice President of the Radio Amateur Club of Knoxville in 1980, and currently on the RACK Board of Directors." He was also President of RACK in 1983-1984. That was the year RACK installed a 220 repeater which turned out to be a practically clear channel, enabling club members who were pilots to talk back home from some truly incredible distances.

Ray had his work cut out for him when he came on board (CVRA) SERA. The tax people were after us, and we had been unable to get non-profit status for the organization.

Ray took this very important task on as his first chore of Treasurer of SERA. Over the next weeks and months, he spent over 175 hours dealing with the IRS, getting delays in hearings, filing briefs, and getting paperwork in order.

Finally, the crowning achievement occurred. The May-July 1982 Repeater Journal announced that CVRA-SERA was now Tax Exempt.

Ray, like Dave Shiplett represented SERA to the nation's coordinators numerous times at Dayton. His speeches wowed other coordinators of the nation as he showed them SERAs workable Coordination Policy and Guidelines, written over a period of months in 1988. This document later became a blueprint for many coordinators around the country.

Ray was a person who wanted SERA to lead, not follow, and he always did his best to see that anyone who came in contact with SERA knew that the organization was indeed a leader.

* * * * *

Every organization over it's lifetime have dedicated people come aboard and make a difference in the way the organization is run. They become natural leaders in the fact that they seem to know what is best for the organization, and what is needed for a bright future. These outstanding leaders leave a mark and a blueprint for others who will come later to follow to allow continued success and recognition.

Dave Shiplett and Ray Adams were two of those outstanding people who came through our organization, stayed a good many years, did an outstanding job, and now plan to move on.

We shall miss Dave and Ray, but we wish them the best - we offer our thanks for a job well done!

Coming Next Issue

The February 1998 Repeater Journal will feature a complete updated listing of the Southeastern VE Exams, times and locations.

Area VE and VECs are invited to send their 1998 schedules to the Repeater Journal editor to be included in this annual free listing.

Deadline for listing is January 4, 1998. The editor's name and address is located on page 2 of this issue.

Also in February, the Journal will repeat the 1998 Hamfest Calendar. Clubs sponsoring hamfests are urged to get their 1998 confirmed dates to the editor as soon as possible to be included in this free listing.

Millions and Millions
of Dollars Worth of
Ham Equipment
And Special Shows
With Special Deals!
- More Variety -
- More Choices -
- More Listings -
- More Shows -
- Better Shows -
They Can All Be Found
Right Here!
They Are
Repeater Journal
Advertisers
Patronize Them!
Let them know you
appreciate them
Repeater Journal Advertisers -
You gotta Love em!

SERA Officers Nominated

(Continued from Page 3)

Virginia Director upon the resignation of the director on January 1, 1996. Don is presently a member of the SERA 2000 Committee and holds the offices of SERA Virginia Director and SERA Vice President.

Williams prides himself on responding to coordination requests and other queries promptly and courteously. He has a reputation throughout the region for fairness.

Don has owned his own sales business since 1989, selling materials handling equipment and process machinery to the coal, crushed stone, sand & gravel, wood, and recycling industries. Other activities include an occasional round of golf and attending Virginia Tech football and basketball games with his wife, Mary Catherine.

Williams has two children. Mark, age 29, is KQ4Q, and was licensed at age 13. Holder of a BS in Management, Mark is employed by CellularONE. He is active in area amateur activities. He also owns a 220 MHz repeater. Don's daughter, Mary Lynne, age 26, has a BS in Architecture, lives in New York City, and is a graphic designer.

R.T. (Dick) Fowler, N8FMD

Dick is a newcomer to the ranks of an officer of SERA. He has been the Director of West Virginia for a number of years. He is now seeking the office of SERA Vice-President.

(Here is a statement submitted by the candidate.)

Hello, I am Richard T. (Dick) Fowler II, I am 51 years old and presently hold a Technician + amateur license which I obtained in 1983, my call sign is N8FMD.

I reside in Clarksburg, West Virginia with my lovely wife Janice, also a Technician + with call sign N8FXJ. Janice and I have a married daughter, Michelle who is also an amateur, as is her husband Mike, their call signs are KB8EUE and KB8EUA respectively. We are also the proud grand parents of Meghan; 8 years old and Alex almost 4, neither of which are hams (yet).

I have held several jobs over the years, mostly in heavy and highway construction as either a foreman or superintendent, although there were a few years in the 80's that I was involved with coal preparation plants. In 1991 I decided to start my own business and since that time have operated a Two Way Radio Shop out of my home.

From 1989 through 1996 I operated, along with help from some very dedicated amateur friends one of the top 10 Multi Operator VHF/UHF contest station in the country, the best finishes we had were 2nd in both the June and September ARRL contests, just never could get NUMERO UNO. This activity all came to a halt early this year when I decided to give up contesting.

I am presently serving as President of the West Virginia State Amateur Radio Council a position that I also held in 1988 and 1989.

I am also very involved with our local amateur club, the Stonewall Jackson Amateur Radio Association, although I do not hold any position presently, I have held various positions over the years including President, vice President and Board Member.

I first became involved with the SERA in the late 80's when the then West Virginia Director, Karl Morris called and asked if I would be interested in being the West Virginia vice Director. I told Karl at that time that I would be glad to do it, thus the start of my affiliation. Sometime in late 1991 Karl retired and decided to move to Florida thus elevating me to the Directors position, which I have held since. I have seen the SERA make great strides in my years as an active participant and would like nothing more than to see it continue as the Premier Coordinator in the country.

H. Alex Hedrick, N8FWL

Alex, Vice-Director of West Virginia and current Secretary, is seeking another two year term as SERA Secretary.

(Here is a statement submitted by the candidate.)

43 years (young) and licensed since 10/27/81, H. Alex Hedrick, Jr., N8FWL, has served as SERA Secretary since 01/08/94. I want to continue to provide

(Continued on Page 9)

SPECIAL NOTICE!!

IRI AMATEUR ELECTRONICS

Is Pleased to Announce -

We have Purchased the entire Battery Inventory AND Distributorship of the former Williams Radio Sales

We pledge to continue the cooperation, courtesy and customer service previously afforded by Williams radio

See Us for all your H/T

BATTERIES!

We'll Save You Some Money!

Call, write, or fax us for a free price comparison Handheld Replacement Battery Catalog.

Batteries In Stock for most Brands - most Models!
We also stock Motorola & Radius Batteries

IRI AMATEUR ELECTRONICS

116-B EAST MAIN STREET ■ JAMESTOWN, NC 27282
(910) 454-2012 (Voice) ■ (910) 454-2019 (Fax)
OPEN MON. THRU SAT. 10:00 AM - 8:00 PM - CLOSED SUNDAY

The 25th Annual and Original

CHARLESTON HAMFEST

AND COMPUTER SHOW

SATURDAY, FEBRUARY 7, 1998

SAME LOCATION AS LAST YEAR

Charleston Amateur Radio Society Inc.
Charleston, SC
email: WA4USN@AMSAT.ORG

Stall High School, North Charleston SC
Near I-26 and Ashley Phosphate Road
Talk in - 146.79 and 145.25
Doors open at 8:30 am
For details, contact Jenny Myers, WA4NGV
(803) 747-2324 or email: brycemyers@aol.com

PRE-REGISTRATION FORM

Tables: Pre-registered - $8.00 per 8ft table at the door - $10.00, as long as they last. To pre-register tables, detach and complete this form, attach check made out to "C.A.R.S. Hamfest Committee", SASE (for tickets & receipt), and send to (**to be received before January 23 1998**):

Jenny Myers, WA4NGV
2630 Dellwood Avenue
Charleston, SC 29405-6814

Number of Tables	______	@ $8 each (includes 1 chair)	________
Number of Attendees	______	@ $5 each (includes 1 prize ticket)	________
		Total Enclosed	________

Company Name: ____________________________

Address: ____________________________

____

City, State, Zip: ____________________________

Telephone: ____________________________

Point of Contact: ____________________________

SERA Officers Nominated

(Continued from Page 7)

accurate records and archives of all meetings, official correspondence, and official documents of the SERA. I have additionally served as WV Vice-Director since 01/04/92. This position involves membership and frequency coordination matters for West Virginia counties south of latitude 38-30-00. On a local level, I have served as the Secretary & Treasurer of the Northern Division of the Appalachian Repeater Association, Ltd., headquartered in Beckley, WV, since 1986. I oversee and help maintain 16 active club repeaters and 6 repeaters that are undergoing construction or repair. My radio and communications background extends from 1971 to 1983 as a commercial FM radio announcer and engineer, Raleigh County Emergency Communications Officer from 1979 to 1987, Motorola Communications & Electronics State & Local Government Account Executive from 1987 to 1989, and I am currently employed with Highland Cellular, the local CellularONE franchise in south eastern West Virginia, as a Communications Consultant for cellular, paging, and Internet customers in the Government Sector and Special Project Customers, as well as assisting in the Engineering Division.

Johnny Wofford, WA4ETE

Johnny is another newcomer to the ranks of officer. He is presently the Tennessee Director and is seeking the office of Treasurer of SERA.

(Here is a statement submitted by the candidate.)

I have been a member of SERA since 1986 and Tennessee Director since 1990. I graduated from Memphis State University in 1979 with a degree in Business Administration. Currently I am the Senior Buyer @Wis-Con Total Power, a manufacturer of Wisconsin and Continental industrial engines. I got my Novice Ticket, WN4ETE in !974, my Tech in 1976, my General in 1978, my Advance 1980, and my Extra in 1989. I operated the 146.88 repeater from 1976 until 1996 and currently operate the 444.00 repeater in Memphis.

My wife Nita, N4DON was Vice President of SERA for 12 years. My son John, N4WYN is a professional golfer and teaches at The Olive Branch Country Club in Olive Branch Mississippi.

The four nominees listed above, if unopposed will begin their two year term of office on January 1, 1998. A nomination "from the floor" will cause an election, with the winner joining the other elected offices taking office on January 1.

Cindy Rogers, KR4LS "The Happy Hamette" writes about the light and funny side of amateur Radio. It's in EVERY issue of the Repeater Journal!

SERA Repeater Journal Advertising Rate Card

NO. 26 - Effective 1 January 1997

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11"	$400.00
Full-Page 7-1/4x9-7/8"	$150.00
Full-Page Bleed 8-1/2x11"	$175.00
2/3-Page (V) 4-3/4x9-7/8"	$112.00
1/2-Page (H) 7-1/4x4-3/4"	$82.00
1/2-Page (V) 4-3/4x7-1/2"	$82.00
1/2-Page (V) 3-1/2x9-7/8"	$82.00
1/3-Page (V) 2-1/4x9-7/8"	$60.00
1/3-Page (H) 4-3/4x5"	$60.00
1/4-Page (V) 3-1/2x4-3/4"	$48.00
1/4-Page (H) 4-3/4x3-3/4"	$48.00
1/4-Page (H) 7-1/4x2-3/8"	$48.00
1/6-Page (V) 2-1/4x4-3/4"	$33.00
1/6-Page (H) 4-3/4x2-1/4"	$33.00
1/6-Page (H) 3-1/2x3"	$33.00
1/12-Page (V) 2-1/4x2-3/8"	$17.00
Club/Repr Cards (4 Issue Contr)	$27.00
Classified (30 Words Max.)	$4.50
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold any additional ads in until account is paid in full. All Hamfest advertising and Business Card Advertising must be paid in advance of insertion.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

REPEATER JOURNAL ADVERTISING
600 LAKEDALE ROAD
COLFAX, NC 27235
PHONE OR FAX (910) 993-5881
email: k4mob@nr.infi.net

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

Ad & Copy Deadline - FEBRUARY ISSUE - January 1,

Sophisticated Repeater Control Solutions At Affordable Prices

FF-800 Repeater controller

- Features DTMF and serial port control.
- 4 user definable TX/RX ports.
- Control RX and Local mic inputs.
- Autopatch with 250 slot autodialer.
- DTMF control via telephone.
- 8 logic outputs and 4 logic inputs.
- 64 macros for custom commands.
- All levels feature Digital level controls.
- 8 user programmable courtesy tones.
- 8 voter logic inputs -- select courtesy tone on last RX or most active RX.
- Battery backed real-time clock and 52 event scheduler.
- TI speech synthesizer.

These features plus many more, only $699.00 plus sh & h.

Available options:

- Doug Hall RBI-1 interface support.
- **FF-899** HF Interface.
- **FF-180f** 19" rack chassis with display $235.00 plus sh & h.
- **FF-8070** Digital Voice Recorder -- Playback voice ID's, function annunciators, and user mail box. Only $295.00 plus sh & h (includes 168 seconds of memory).

FF-8070A Stand-Alone Digital Voice Recorder

- Accepts ACC-RC85/96/850 serial data stream.
- Will easily interface with other controllers.
- Mailbox voice messaging system with sysop recorded prompts.
- 168 seconds of factory installed memory, expandable to over 10 minutes.
- $335.00 plus sh & h. Additional memory $5.00 per mega-bit (1 mega-bit = 20 seconds of recording).

All products feature a 30 day money back guarantee. M/C & VISA accepted.

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Shiplett Chose Not to Run for Re-election

SERA President Says Farewell

Fellow Amateurs and radio enthusiasts I will not bore you with rhetoric about how SERA has made great strides in anything during the past years under my direction. But, let me digress and start from the beginning…I became active with CVRA-SERA in 1985 when Georgia joined as the 7th District. I started as an assistant to Jim Abercrombie N4JA and then took over as the Georgia Vice-Director in August 1988 and became the Georgia Director in November 1988. In 1992 I was elected as President of SERA. This past July I let the Board of Directors know I would not seek another term as President feeling that it is time for a change in leadership. I'm a firm believer in that change is sometimes necessary to allow for a different viewpoint and direction. The "if it ain't broke don't fix it" doesn't apply to my logic process. New blood is always welcome.

The past twelve years have been fun. I have had the opportunity to meet and speak with a great number of amateurs that have been interested in frequency coordination and utilization across the United States and even some of its territories. SERA is not an organization that is run by one person. We have a Board of Directors and functioning within that realm we have made major accomplishments that are recognized not only locally but nationally as well.

The SERA Repeater Journal speaks for itself! There is no other publication in our hobby that can compare with the Journal. Additionally, we have the latest in technology available to our coordinators to assist in the task of frequency coordination and a data system that supports every repeater known within our areas of coordination.

Think about it! SERA spans four ARRL Divisions providing frequency utilization plans and repeater coordination that works. We have cooperative agreements with neighboring states and have developed an extensive network of coordinators that work with us. Our web page and email connectivity has rapidly changed the way we do business. It is not all apple pie and sometimes we do not make the end user happy. But we try!

We have been able to provide the American Radio Relay League (ARRL) with the most current data concerning repeaters. This is no small fact. It is the direct result of our team members and you working together to have the most current database in the United States. This year it will be even better! Our process of validation has added even more credibility to this database. Its accuracy is the result of our team working with you to dot the I's and cross the t's concerning repeater listings.

I am proud of being nominated by SERA and elected to a new organization (National Frequency Coordination Council) as one of the initial members of its Board of Directors. I have enjoyed speaking at multiple Dayton Hamventions and working closely with the leaders and workers at the ARRL. SERA's training and philosophy will be very beneficial to me as I work on the issues of a national organization.

I fully support the nominated slate of officers for 1998. These individuals are well known to most of you and are not afraid to speak up for what is right. Don Williams, Dick Fowler, Alex Hedrick Jr. and Johnny Wofford are fully qualified to handle the responsibilities of running this organization.

With their leadership SERA will continue to be recognized as the role model for coordination organizations to follow. We have a lot to do and this organization has plenty of room for volunteers. If you want to repay your hobby in some way contact any one of our officers and volunteer. We need your input and assistance.

Hopefully I will still find some way to juggle time between my wife Jenny (N4UFY), a new son (David remember him from the front page of the Journal), being retired (so far from the USAF as a Chief Master Sergeant and from a major defense contractor), working on another retirement with a firm that makes automated test equipment for the defense industry, remodeling a house, working on the Corvette, being President of the Middle Georgia Radio Association (Middle Georgia's largest), and the list goes on. I will still be active in all aspects of this hobby.

Wish I could be like Wayne Williams and really retire…but then who would publish the SERA Journal.

As I said it has been fun…I hope to run across you somewhere in this great hobby we call amateur radio.

-de Dave, AC4MU, President SERA

Still Need Mississippi Writer

The Repeater Journal editor is still looking for a amateur in the state of Mississippi who would be interested in gathering news of interest and writing a Mississippi column each quarter.

We'll help you get started, and show you the way. Writing experience not necessary, but helpful. Writing experience and email capability definitely a plus. A good listener and note taker works well. This is a permanent, not temporary position. Interested, call, write or email the editor, Wayne Williams. See Page 2.

Bad Address Info? You May be Costing Someone Money!

Even the Repeater Journal finds that there are many hams not sending in address changes to us. This doesn't cost us anything, because we don't forward Repeater Journals any more. We did once, and it was costing us about $800 per year to get the postal service to send us the new address and forward the Journal. Now, it just prevents members who don't bother to notify us from getting the books.

The big thing surfacing now are hams who are failing to keep current addresses listed with the FCC. In turn, this is costing a lot of people a lot of money, not to mention, it is not legal.

Many dealers, advertising sources, mail order houses and others use FCC mail lists to get information, advertising, catalogs, etc. to ham radio operators. Due to the high cost of "Address Servicing" by the Post Office, even if finding someone's address were possible, generally, a bad address just causes the mailed piece to be returned.

A fairly large Ham store in SERAland recently told the Repeater Journal that he mailed out over 30,000 advertising pieces. On the average, he said he was getting back about 3%. In a sampling of 30,000 hams and their current registered address with the FCC, this works out to an unbelievable 900 people who have failed to follow the rule about keeping a current address with the FCC.

As strange as it may seem, when SERA mails out its repeater datasheets each year, we receive several dozen back, where the repeater owner has moved, and not sent us a forwarding address, which is really strange.

So, if you aren't getting any catalogs, or other free goodies in the mail - have you moved, and not sent an address change to the FCC?

That might be your problem. Your piece probably went to your old address, or has been returned to the sender, where it has been trash canned. Who knows, you may have missed some very important mail recently!

It is very possible that this high cost of dealing with worthless addresses has to be reflected in cost figures when a dealer or manufacturer has to set price.

The obvious answer to this problem, is if you are dealing with any organization and receive mail from them, send in an address correction. Don't depend on the Post Office to do it. They won't unless the mailing organization pays for it, and many aren't any more.

Updating your address with the FCC is a very wise thing to do to. How about it! You might save yourself some money.

Your State Correspondent can use your news. Send him stories about your club, your repeater, other ham related activities.

Old Records Tumble Again!

SERA Full Membership Drive Ends for 1997

-by Wayne C. Williams, K4MOB, Editor

It seems that when you start counting SERA Full Repeater Memberships each quarter, you are not surprised to see new records each time you sit down and count.

Such is the case for the entire year of 1997. We have seen old records from previous years tumble each quarter, and finally in our last quarter of counting for the calendar year, we see new records.

This outstanding performance is due to one thing - the great support that our Southeastern repeater owners are showing their coordinator. As you know, SERA does not charge for coordinating, or any other service provided, including keeping an up-to-date database on all repeaters known.

Full membership is strictly voluntary - something each repeater owner makes his own choice whether to join and send us dues or not.

We are so pleased to report that 65.4% of all the known repeaters in the Southeast joined SERA in 1997, a new, all-time record once again. This is 1,325 repeaters out of the total of 2,027 known in the SERA eight states.

North Carolina as usual leads all categories. It is the largest state as far as number of repeaters, has the most full member repeaters, and the largest percentage of members compared to the total number in the state. The Tarheel state has 283 repeater members out of a total of 386 repeaters.

Running second in member repeaters was Georgia with 260, then Tennessee with 227. Perhaps the greatest gain of any state in 1997 was Tennessee. They had a whopping 25 more new members this year than any previous year in history.

Only Mississippi and North Carolina failed to set new all-time member records. We also had 23 out-of-state members who for some reason or other wanted to support SERA and joined as full member repeaters.

There is still a touch of bad news. We still have 212 repeater listings that we really don't know what they are. We cannot determine as of yet whether there are actual repeaters on the air on those frequencies listed in those cities. We have not heard from any of these current owners for a period of over 3 years. Additional attempts have been made to contact them, and we have succeeded with over 60% of the original listing which was 640 unknowns at the beginning of 1997. So we have made much progress, but apparently there are some owners out there who do not care, or desire to give us accurate information, which I would consider really cutting off your nose to spite your face. This could be very harmful some day in the future, if another repeater hops right on top of them. They certainly cannot complain. They have been asked numerous times, but have declined cooperation for some reason or other.

If you are a repeater owner or user, and you see repeaters in the "Unknown" listings in the back of our index, contact the people and urge them to contact their coordinator. If you know of a name or callsign, contact your coordinator and give it to him, and he will attempt to contact the owner.

SERA is doing everything we can to try to clear up these "unknowns."

Sooner or later, they will probably have to be dropped from the index listings, the frequencies may be subject to decoordination, and obviously since they are "status unknown", none will be sent to ARRL for the National Repeater Directory. We have about one more month to find out about these machines before we send the ARRL the 1998 indexes. We are hoping that some repeater owners will have a change of mind, and contact their coordinator, or that some of you readers will recognize a listing, and give us a bit of help.

From the SERA Board, a great thanks to those who supported us in 1997. Hope you'll stay with us in 1998.

SERA Full Membership Report

Full Membership - By State - By Year - From 1988 thru 1997 year end.

SERA STATE	TTL '88	TTL '89	TTL '90	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL 1997	TOTAL Mbr. %	STATE RPTRS
GA	100	104	124	142	173	195	208	236	217	260	68.4%	380
KY	15	48	53	66	70	80	86	122	129	140	59.8%	234
MS(1)	3	12	36	38	36	50	60	75	73	60	40.5%	148
NC	145	181	157	189	220	243	265	274	295	283	73.3%	386
SC	46	59	50	53	60	68	68	83	81	84	64.6%	130
TN	80	111	128	155	179	188	182	202	193	227	65.8%	345
VA(2)	99	151	122	127	136	157	173	178	162	181	68.3%	265
WV	39	51	54	67	70	62	70	82	84	90	64.7%	139
TTLS	527	717	724	837	944	1043	1112	1252	1241	1325	65.4%	2027

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1997 --- 23

(1) Mississippi assumed SERA District Status in late 1989.

(2) Total Virginia list does not include 120 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and 11 listings in the West Virginia Panhandle area.

"Unknown" repeater listings not counted in State repeater totals. Updated 10-21-97

Editorial Comment . . .

(Continued from Page 1)

Welcome Missippi Repeater Owners

SERA Mississippi Director Steve Grantham, N5DWU is running a special promotion in his state. His goal is to get himself, his staff, SERA and the Repeater Journal re-introduced to every repeater owner in the state.

I can recall when Mississippi became a part of SERA in late 1989. Steve Grantham was trying to do the massive job of coordination alone, with limited funds. Now he has unlimited resources, a well kept computer database, policies, guidelines, consultation among fellow Directors and numerous other aids, as he continues the job of repeater coordinator of his State.

I do not believe I have seen a Director work as hard as Steve has for his home folks. Now, he has gotten himself 3 top notch helpers to keep up with whats going on, and is researching all the repeater datasheets across the state trying to get his listings as accurately as humanly possible. This will benefit greatly Mississippi's repeaters, because Steve having accurate information, will be able to do more accurate calculations and do better coordinations in the future.

Steve is responsible for each of you Mississippi Repeater owners getting this issue of the Repeater Journal. His followup letter in October to each of you had some very good stuff in it too.

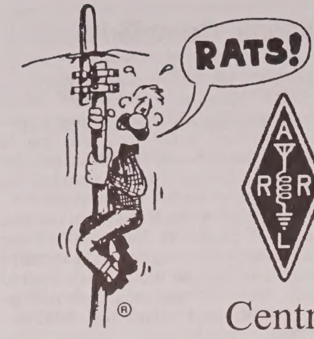
Steve told the Journal, his goal is to see that Mississippi more than pays its way in SERA. He said he was going to keep plugging away until he surpassed the 100 mark in SERA Full Member repeaters. At last count Mississippi had over 140 repeaters. Wouldn't it be neat if you MS guys gave him that support!

Talking about Full Membership - we will be losing some of you after this issue. It is surprising how many people forget to renew until they just don't get a Repeater Journal, then suddenly they are reminded. Full Members - your datasheet was a reminder which you received in September. Hope you didn't forget - I just may talk about you in February. In fact if you sent back your datasheet and didn't renew, you probably got a letter from me. <grin>.

SERA starts into a new year in 1998, with new officers, a possible new direction, renewed dedication, and hopes that our service will continue to be just as strong, just as good as it has for the past 26 years.

There are some out there who do not like us. That's their privilege. Some who like to spread what you might call "stretching the truth" about us, but don't believe one person spouting off at the keyboard or at the mouth. You only have to look at the SouthEast as a whole. What you see is the direct result of a coordination organization doing its job - and doing it well. That's our story - and we're sticking to it!!!

-Wayne C. Williams, K4MOB, Editor



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"Covering Dixie Like the Dew!"

A Six Meter Repeater atop Mt. Mitchell

JOURNAL COVER STORY

-by Steve Siske, WD4BQW,
President Mt. Mitchell 6 Meter ARC and

-by Kevin Schroeder, KD4TOZ,
Treasurer/Secretary Mt. Mitchell 6 Meter ARC

Jimmy Johnson, KD4LBU had always loved 6 meters every since he got his ham license. His dream came true in 1997 when he finally got a 6 meter repeater placed atop Mt. Mitchell, the highest point in the East. Today he operates the machine in conjunction with a club that was formed by and for the users of the machine, the "Mt. Mitchell 6 Meter ARC."

Back in his beginning in ham radio - March of 1992 Jimmy Johnson, KD4LBU was first licensed as a Technician, (he currently holds a General class ticket). He was so interested in the 6 meter band that he stayed on the national calling frequency of 52.525 MHz FM. After much listening, he noticed that someone was rarely on. To get contacts, he had to contact a couple of his ham buddies to work him on the simplex frequency. This is actually what inspired Jimmy to build a 6 meter repeater. Jimmy said "Seems like all the new Hams were getting on 2 meters".

Jimmy and his wife Brenda, KF4PHG stand beside his truck which served as a base of operations for their club at the Shelby Hamfest.

Color Cover Photo and
Inside Black & White photos
Supplied courtesy of
The Mt. Mitchell 6 Meter Club

Hanging off a tower at 6,600 feet above sea level might not be just anyone's cup of tea, but Jimmy Johnson, KD4LBU has his own 6M repeater there, and climbs with ease.

Years ago hams basically had to make just about everything for themselves to be able to communicate on 6 meters or anywhere else in the Amateur bands. In the '70s there was quite a bit of tube-type 6 meter equipment, but then it seemed all of it dried up. After several years of no equipment available, some of the major companies have again started producing transceivers for 6M. The band, under utilized over the last several years, now is showing signs of life as transistors and integrated circuits have given companies a less expensive way to produce 6M equipment. Recently in our area, we have seen more hams both on sideband and the FM portion of 6M.

KD4LBU
MOUNT MITCHELL
HIGHEST PEAK EAST
OF MISSISSIPPI RIVER
ELEVATION 6684 FT.

Kind of a prestigious sign to stand beside. Jimmy, KD4LBU has the distinction of having a 6M repeater on this "highest peak." His repeater is sponsored by the Mt. Mitchell 6M Club, a group of users of the wide coverage 6M repeater in Western North Carolina.

Jimmy's first repeater was built in his garage. He had never built one before, and didn't know who to approach about learning how, so Jimmy taught himself. His formal college education in electronics became very valuable to him in his hobby.

He placed his repeater first on Cherry Mountain in North Carolina back in the early part of 1996. Because of all the activity and interest in the Cherry Mountain repeater he started looking for a alternate location with better coverage, which took many months. He finally obtained permission from the officers and officials of Mount Mitchell (Clingmans Peak) to put the 6 meter repeater at this location.

To Jimmy's knowledge Mt. Mitchell has never had a 6 meter 50 MHz repeater. His first attempt at frequency selection for the site was 52.29-53.29 but he found out that due to intermod and harmonics at that frequency, it just was not possible to use. Later he tried 52.63-53.63 which worked, so he got that coordinated, and placed the machine on Mitchell.

Jimmy quickly became very proud to be able to provide a wide coverage repeater, on the highest summit in Eastern America at 6,684 feet and on 6 meters, for all of the hams throughout

(Continued on Page 15)

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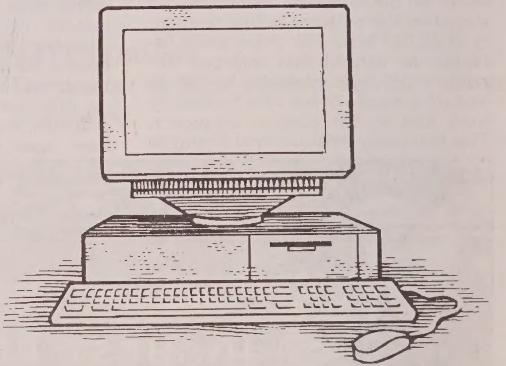

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6M Repeater on Mt. Mitchell

(Continued from Page 13)

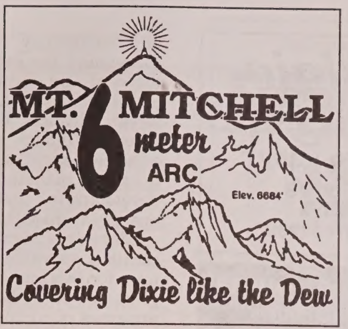
the southeastern states to use and enjoy. The motto for the repeater is "Covering Dixie Like The Dew," which pretty well describes the machine.

He also states that "By owning a 6 meter repeater on Mt. Mitchell, I have found it to be true that the activity is steadily growing day by day." "I'm pleased to see the activity growing like it is and hope a lot of other hams will be inspired and come over and join us on 6 meters."

All the amateurs who work the repeater in the area are excited over the coverage that it has, which under normal conditions covers eight states. When the band and sporadic E opens up, 6 meters can work the same principle as low band frequencies. Amateurs can work the repeater from California to Canada, and other parts of the country as well.

Since his move to Mitchell, Jimmy had to upgrade his equipment, to a commercial grade Motorola cabinet based repeater, with (4) DB-212 Decibel Products folded dipoles on his own independent Rohn 25G tower. With the antennas tuned and modified for a omni pattern. Under normal repeater operation the machine has a PL at 100 Hz to access.

While Jimmy was at the Shelby Hamfest (Labor Day Weekend) he was inspired by the number of Amateur Radio Operators that came forward to thank him for having the 6 meter FM repeater on Mt. Mitchell.



In the coming months we plan to contact the National Weather Service in Greer, South Carolina and link up with them for Skywarn Nets on 6 meters.

Jimmy who is a trained instructor on Sky Warn, certified for 5 years, hopes to work closely with the National Weather Service during storms. Also in the future the club plans to add auxiliary features to the repeater, such as wind speed, direction, and temperature, to allow users to know how cold and at what speed the wind blows in the harsh wintertime environment that is encountered on Mt. Mitchell.

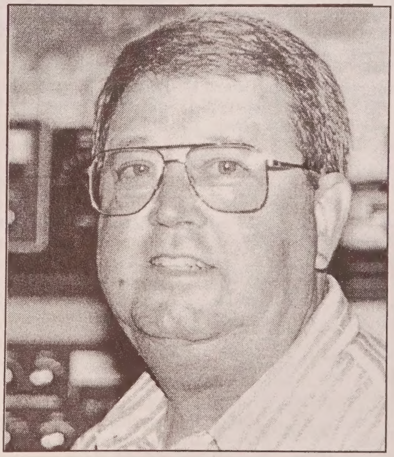
On Friday evenings at 8:00 PM local time, we conduct a Traders Net on this machine. Kevin, KD4TOZ and Gary, KE4LWC alternate calling the Net each week. There have been between 30 to 50 check-ins, with more Amateurs becoming interested and joining us each week. We would like to build up the Net and get as many Hams to check in as possible, with this in mind in the future we would like to be known as your "Friday Night Hamfest Inside Your Rig." All we request that your "for sale" or items "wanted" be Amateur related items only. If you never have checked into the Net, please give it a try! The subtone access is turned off for the Net. You don't have to have a listing to check-in, just stop by and say you are "Window Shopping!!" You are also invited to stay around for Rag Chew session afterwards, the tone remains off for 2 hours after the Net.

The 6 Meter Club

We have a Radio Club, in cooperation with Jimmy, KD4LBU and the 6 meter repeater. It is known as the "Mt. Mitchell 6 Meter ARC, which is a non-profit organization. Annual member dues are used for the support of the KD4LBU repeater and Club activities and a quarterly newsletter.

Current officers for the club are: President: Steve Siske, WD4BQW, Vice President: Lee Banks, KD4ROS, Treasurer & Secretary: Kevin Schroeder, KD4TOZ, Executive Board Member: Jimmy Johnson, KD4LBU.

If you are interested in more information, or want a membership form mailed to you, please contact the Secretary: Kevin Schroeder, KD4TOZ, PO Box 1630, Skyland, NC 28776-1630 or by E-mail: kd4toz@juno.com



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Nostalgic Wavelengths

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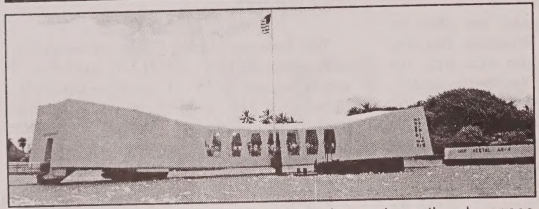
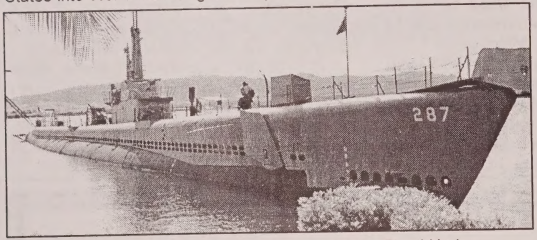
Pearl Harbor Revisited by the Journal

Cover Color Photo, Inside Black & White Photos and Story by David Bower, K4PZT



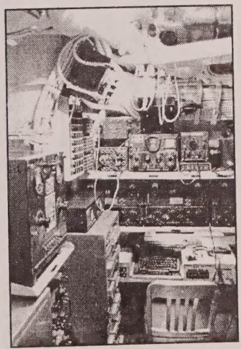
The Arizona Memorial at Pearl Harbor from where the Japanese bombed and destroyed on December 7, 1941, forcing the United States into World War II against Japan then Germany.



The US Submarine 287, USS Bowfin anchored at Pearl Harbor.

Several years ago, I stood gazing across the expanse of water at Pearl Harbor. The breeze was lightly blowing across the ocean. To my left, a small craft, transporting tourists, made its regular trip toward the Arizona Memorial in the distance. To my right, the WW-II era submarine Bowfin gently rocked in the gentle waves. Straight ahead, a small aircraft, maybe a Cessna 172, flew graceful arcs just above the hills in the distance.

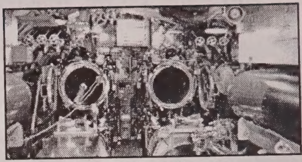
It was above these same hills on December 7, 1941 that a stream of Japanese fighter aircraft broke the silence of a peaceful Sunday morning and began their destructive pass on the island of Oahu, and the US army and naval forces stationed there. It only seemed like yesterday as my thoughts lingered in the history of the event that pulled the United States into World War-II.



The USS Bowfin Radio room.

In the words of President Roosevelt, it was a day that will live in infamy. War is always a great tragedy of society; for it pits the best of civilization against itself. Mankind exhibits great courage in the face of adversity and the primal need for survival takes hold. National honor is at issue. The question of good and evil becomes strongly polarized. And opposing sides seek to maximize their relative strengths against the opposition.

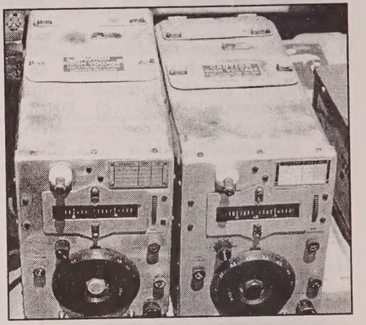
World War-II was, in my opinion, like no war before, or after. Nations of the world had finally reached the pinnacle of technology which threatened the very existence of our planet, and civilization as we know it. Great advances in technology, although secured at a great sacrifice, rapidly carried mankind into a developing era that would one day transport him to the Moon, and beyond.



Torpedo room of USS Bowfin

Marvels of electronics were quickly developed for communication, surveillance, navigation, weapons control, and guidance for this planet-threatening war. The electronics allowed great waves of bombers, such as the B-17, to cross great expanses of ocean, and helped target V-2 rockets toward the threshold of space while seeking to rain destruction on England.

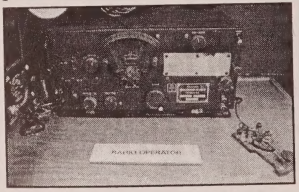
Vacuum tubes such as the 1625 glowed in the cabinetry of ARC transmitters and carried vital communication across great distances. Radio operators on board the aircraft pounded out Morse code with their trusty keys. Dynamotors or other such power sources supplied the "juice" to give life to the boxes of electronics that fought alongside servicemen and their machines of war.



WW-II ARC transmitters. The top lid opens to reveal a pair of 1625 transmitting tubes.

This past summer, I meandered through the vast aisles of used electronic equipment at the Dayton HamVention. Nestled among older Hallicrafters, Collins, and Hammarlund equipment even older equipment, frequently at the bottom of the stack, stuck out as memories of WW-II again emerged. A row of ARC 5 and "BC" type equipment rested silently at several vendor locations. The distinctive round dials, with carefully engraved frequencies, stared back at me.

I stopped and opened the top of one ARC 5 transmitter. In the middle, two 1625 power tubes (the 12 volt equivalent of the 807) still were secured in their sockets with attached plate caps. In the back, a 1626 oscillator tube shared the compartment with a tuning eye tube. Space for a dynamotor was provided at the rear. Its matching companion receiver rested nearby; a BC-454 type. A still sought after WW-II vintage receiver, the BC-348, still commands a good price at hamfests - often in the one hundred dollar range. Its sturdy construction has survived over half a century - its vacuum tubes still ready to spring to life. Its clunky, sturdy band change knob is remembered by those who fought in the great war, and by those radio amateurs who gave this, and other WW-II equipment, a peace-time chance at communicating on the amateur radio bands.



A BC-348 receiver exhibited aboard a B-17 WW-II Bomber at Dayton.

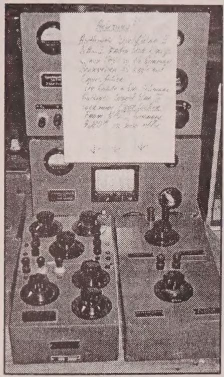
One such BC-348 I encountered a few years ago at an observatory in Bradenton, Florida still provides reliable service for receiving accurate WWV time signals for astronomical endeavors as the next century approaches. At the Charlotte Hamfest this past spring, some German electronic equipment - punctuated by the word "achtung" caused me to take notice.

I wonder if German amateurs after WW-II also used simi-

(Continued on Page 17)

Pearl Harbor Revisited - *(Continued from previous page)*

lar equipment, to the extent US amateurs did. I would guess so. After getting into amateur radio in the late 1950s, I visited an older ham who built his entire station around Japanese equipment. The equipment was marked with symbols and other nomenclature I could not decipher, but its use as an amateur radio station was very evident. I suppose the tribulations of war, as terrible as they are, leave some lasting benefit after the calamity.


German WW-II surplus equipment at Charlotte Hamfest.

Many "electronic soldiers of war" have lived long afterwards to give aspiring radio amateurs an opportunity to explore the excitement of long distance communication and open up new friendships. I wonder, how many amateurs around the world have communicated with surplus equipment once used on "opposing sides" to fight great wars? The equipment was designed to be rugged to survive the demand of war but, in so doing, it also permitted the equipment to survive well after the conclusion of hostilities.

Next time you visit a hamfest, take a few minutes to inspect the equipment that went to war many years ago. Just as the human veterans of war from years ago proudly wear their uniforms in somber and respectful remembrance, so it is with the faces of electronic communication equipment. Be sure you remember to salute this equipment as you look for those goodies at hamfests. While this equipment helped fight wars years ago, it also provided many hams with the opportunity to explore the many facets of amateur radio in peacetime.

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Booster Pac Battery Data

The batteries in the Booster Pac are jell lead-acid type and will not spill when turned over. Batteries will work in any position. They have heavy duty copper jumper leads and battery clips. They also have a cigarette lighter jack on the side of pack with a rubber dust cover.

Both battery packs have a test switch that will show the percentage of charge remaining in the battery as well as full charge indicator shown on the led display. The cigarette lighter jack has a 12 amp automatic resetting circuit breaker.

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Model es2500ke

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Boost rate, peak 900 amps, 250 cranking amps, weight 17-lb. Size 10.5 x 3.2d x 14h (inches)

watts -	hours		
4	40	24	6.5
9	20	40	3.5
15	13	80	1.5

Comes with a esa-2 charger and esa-1 extension cord, 12-volt DC power pack, portable and cordless for home, auto, recreation. Battery booster, 250 cranking amps of power. Starting vehicles fast. No more tangled cables. Use with sporting equipment, electronics, emergency radio equipment, lighting, generators, farm equipment and many other applications.

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watts-	hours		
4	84	24	14
9	42	40	8
15	27		

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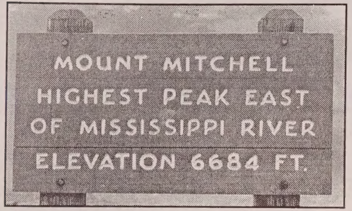
Elisha Mitchell - The Man on the Mountain

Mt. Mitchell is well known as being the highest area on the East coast of the United States. Where did it get it's name? Who found it? Here is a brief background and history of Dr. Elisha Mitchell.

-by Steve Siske, WD4BQW,
President Mt. Mitchell 6 Meter ARC and
-by Kevin Schroeder, KD4TOZ,
Treasurer/Secretary Mt. Mitchell 6 Meter ARC



Elisha Mitchell was born on August 19, 1793 in the hills of northwest Connecticut. He came from a family of substantial means, which allowed him the opportunity to attend Yale College. After graduating in 1813 he met his future wife Maria S. North at a girls school in which he was in charge of. In 1816 he returned to Yale, where he earned his master of arts degree. He was usually referred to as Dr. Mitchell after receiving an honorary doctor of divinity degree in 1840.

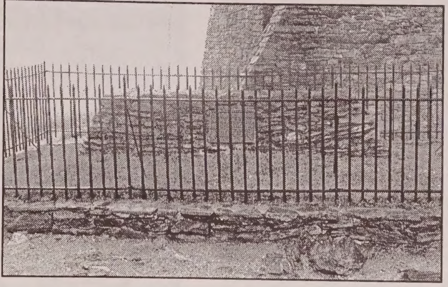
Almost all of Elisha Mitchell's later adult years were spent in North Carolina as a professor of the sciences at the state university in Chapel Hill.

His initial appointment in 1818 was in mathematics and natural philosophy, which was the teaching of botany, zoology, and some physical sciences. In 1825 he gave up that position to take on a chemistry, geology and mineralogy professorship, which he held until his death on June 27, 1857.

As a scientist, Mitchell was interested in all three geographic regions of his adopted state, but it was his work in the mountain region, particularly in the Black Mountains, for which he is most famous.

In 1825 Mitchell took charge of the North Carolina Geological Survey, it was the first statewide survey to be organized anywhere in the nation. It was during these duties of this survey, in the summers of 1827 and 1828 that Mitchell made his first two trips west of the Blue Ridge. These trips were to inspire his return to the area in 1835 for the purpose of measuring some of the mountain elevations. He had seen his first glimpse of the Black Mountains from the area of Morganton. Mitchell noted that the range appeared to be higher than Grandfather Mountain, which at that time was assumed to be the highest point in the mountain region.

Determination of mountain elevations was important to Mitchell, he also hoped to trace geological boundaries and determine the positions of landscape features through trigonometric survey.



Mitchell traveled from Chapel Hill to Morganton in late June, most likely by one-horse wagon which took him about a week. In Morganton he setup a base camp where he took barometric observations over several days and concluded the elevation there to be 968 feet above sea level (please note these early forms of determining elevations had some degree of error, which Mitchell finds out in later years). These base barometric observations would be used to measure mountain elevations on various mountain-tops, with the use of very complex mathematical formulas.

He visited various areas to take readings in the mountains, his first stop was in the Linville Gorge area where he passed by Table Rock and descended to Linville Falls. He then went to Grandfather Mountain and Roan Mountain, taking elevation readings on both peaks. He then headed southward to the Black Mountains where he spent about a week. He hired a guide named "Green Silver" who accompanied Mitchell to the summit of what is known today as Celo Knob. He then ascended Yeates Knob with the help of a nearby farmer "Samuel Austin" and one of Austin's neighbors "William Wilson" this peak was thought to be one of the highest by Mitchell's guides. Once on Yeates Knob Mitchell again realized that he had not reached the highest point in the Black Mountains.

Mitchell's climb to the summit of present-day Mt. Mitchell was through steep terrain and dense undergrowth, which would not permit the ascent by horseback. He followed bear trails, and in some places was forced to climb on his hands and knees. Mitchell found the summit of present-day Mt. Mitchell surrounded by fog, limiting his visibility to only a couple hundred yards. Because of the poor visibility he was unable to determine either his location or relative elevation with regard to nearby peaks, he spent about two hours on the summit before making his descent. And then a week long journey back to Chapel Hill.

Mitchell returned to the mountains again in the summer of 1838 with two ascents of the Black Mountains, originating in the valleys of Buncombe County and establishing a base in Asheville. Again he was recording mountain elevations barometrically.

For the next few years Mitchell would return to the Black Mountains

(Continued on Page 20)

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Mitchell-Man on the Mountain

(Continued from Previous Page)

to again measure and record mountain elevations searching for the highest peak.

During Mitchell's trip again to the mountains in 1857 was to make an accurate measurement of the elevation of the high peak by means of a survey method known as leveling. On Saturday, June 27, 1857 Elisha Mitchell set out on foot from his unopened lodge which he called the Mountain House. It seems that he wanted to contact some of his former guides for information about his previous ascents. After about a week's time with no sign of Mitchell, several search parties from as far away as Asheville were combing the mountains in hopes to find him. After finding tracks, the search party went down a creek bed. One of the searchers "Big Tom" had said to his fellow searchers of his belief that they might find Mitchell at the base of a waterfall.

Mitchell was found several feet below the surface of a 15 foot deep pool, his body prevented from rising to the surface by the large snag that had fallen into the water. It is surmised that he had been attempting to make his way around the falls when he slipped and fell into the pool below and drowned.

Mitchell Falls, located about halfway up the west slope of Mt. Mitchell, was the site of Elisha Mitchell's death in 1857. This 40 foot high waterfall has carved out a 15 foot deep pool at its base.

Elisha Mitchell was buried on June 15, 1858. His grave site is at the base of the Observation Tower on the summit of Mt. Mitchell, "The Highest Peak in Eastern America." The inscription on Elisha Mitchell's grave reads as follows:

HERE LIES
IN THE HOPE OF A BLESSED RESURRECTION
THE BODY OF THE
REV. ELISHA MITCHELL, D.D.
WHO AFTER BEING FOR
THIRTY-NINE YEARS A PROFESSOR IN THE
UNIVERSITY OF NORTH CAROLINA
LOST HIS LIFE IN THE SCIENTIFIC
EXPLORATION OF THIS MOUNTAIN, IN
THE SIXTY-FOURTH YEAR OF HIS AGE.
JUNE 27, 1857

> *Here Lies in the hope of a blessed resurrection the body of the Rev. Elisha Mitchell, D.D. Who after beingt for thirty-nine years, a professor in the University of North Carolina, lost his life in the scientific exploration of this mountain in the sixty-fourth year of his age. June 27, 1857."*

Information and Research for this article was obtained from the book: "A History of Mt. Mitchell and the Black Mountains." Third Printing 1994 By: S. Kent Schwarzkopf ISBN 0-86526-218-7

New Liability Law

The new law limiting liability of volunteers went into effect on September 16. But don't interpret that to mean that you can't be sued. Volunteers can still be taken to court for harassment, criminal acts and reckless disregard for the rights of others. -Tnx W5YI.

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A Stroll through the Huntsville Hamfest

A "birds-eye" view of the exhibit hall of the Von Braun Arena, home of the annual Huntsville (AL) Hamfest. Manufacturers join scores of dealers and flea marketeers each year for this August get together. Many hams in surrounding states attend Huntsville. *- Photo by David Bower, K4PZT*

A Journal Journey To a Neighboring State

-by David Bower, K4PZT
Journal correspondenat

It was one of those lazy days in late August as my aircraft slowly swung around on final for the approach into the Huntsville area. Upon landing, I was soon heading toward my hotel adjacent to the Von Braun Arena; site for the annual Huntsville Hamfest. This is one of my favorite hamfests.

The lodging amenities at the Hilton Hotel and the convenience of the hamfest just across the street is really nice. Additionally, the area is an a safe area of town, good restaurants are near by, and the hamfest is "just the right size" for me; with a good blend of manufacturers and vendors, coupled with an inside flea market area.

The diversity of seminars adds to the desirability, along with a dedicated and friendly staff of hams to make you really feel welcome. The talk-in station, Big Fat Turkey," is always helpful. The mascot, a stuffed turkey, sees to that and keeps the operator in line.

I was looking forward to seeing some of the new product offerings, and maybe even making a purchase. The diversity and complexity of new ham equipment is really advancing, and computer technology is gaining a strong-hold in making all this possible.

A few memories in a transceiver was good enough a few years ago, but now several hundred are now common. Versatility in being able to configure a transceiver for the needs of an operator goes along way in making ham radio more enjoyable. While I would agree with those who feel too many features are being included that are not needed,

I have observed that manufacturers are taking note and are adding the flexibility to allow an operator to "customize" their rig for their specific requirements.

Although I own several HTs, I was looking for a miniature HT that would be more convenient for travel, and would offer wide band coverage for entertainment. I found such an HT in the new Yaesu VX-1R. The unit is a dual band unit (2 meters and 440), with 1/2 watt power; enough to get into many local repeaters. With an external supply, it will run a full watt. The wide frequency coverage is what really got my attention - it will cover 76MHz to 999MHz, in addition to the AM broadcast band. The FM broadcast, aircraft band, and TV bands (audio only), can easily be accessed and "automatically" loaded when travelling to a new area of the country.

The programming features, including the ability to select either wide or narrow band FM, adds to the flexibility. Although it is too small (it's the size of a small pager) for a regular DTMF key board, telephone numbers can be programmed in or selected manually by a step process. With a weight of only four ounces, and a battery life of about 12 hours, it is great for travel. Yes, I bought one, as you might have guessed.

Not to be out done, there were a great selection of HF rigs available for inspection. Many are now including the six meter band, as popularity in the "magic band" is starting to increase. I have always been a fan of Kenwood HF rigs, going back to the TS-520 (I still operate one) so I'm somewhat excited about their new TS-570D/S. The 'S' model includes six meters.

The ability to program and design multiple radios with custom settings is very enticing, and it includes digital signal processing as a standard feature. With the world's first CW auto tune, operation is more efficient for CW operators. And the price is good! The large display screen provided on the ICOM IC-756 is very appealing, and this transceiver includes DSP and 6M coverage.

ICOM
HM-54
SPEAKER-MICROPHONE
YAESU
Dual Band

David's new ultimate mini H/T the Yaesu VXZ-1R is compared in size to a standard speaker microphone. *-Photo David Bower K4PZT*

For those hams looking for broad band coverage and small size, ICOM has their IC-706 Mark II now available with new features. Being able to cover the HF bands and, additionally, include 6 and 2 is terrific. And this is an all mode transceiver.

For those already owning 2 meter gear, Alinco has the great looking DX-70T/H transceiver at a slightly lower price. On the HT side, Alinco showed their "credit card" sized single band HTs for those really wanting something super small.

With the increasing wide appeal of six meters, Standard is offering their C5900DA Tri-band mobile rig for 6, 2, and 440. Let's hope other manufacturers follow suit.

The futuristic styling of Kenwood's TM-V7A dual band transceiver certainly grabs one attention.

A relative new comer, ADI, is coming on strong with their line of economically priced HTs and transceivers.

Radio Shack's HTX-242 is a good, low cost transceiver for two meters, and it's widely available.

There were many other vendors displaying at Huntsville, and this remains as a great hamfest for those wanting to balance convenience, entertainment, and other amenities with an excellent hamfest. Thanks to all who worked so hard to make it successful hamfest. I'll be back next year!

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ADI AT-201 ADI AT-401

New Single band handhelds from ADI! The AT-201 for 2-meters, and the AT-401 for 440 MHz. Both units feature 40 memories, manual or automatic offset on transmit, CTCSS encode and decode included, dual frequency watch, call channel, frequency or channel display, backlit LCD & keypad, MARS/CAP capable, DTMF paging included and 5 powerful watts standard. Only 5.5h x 2.0w x 1.3d. *Call IRI for your deal today!*

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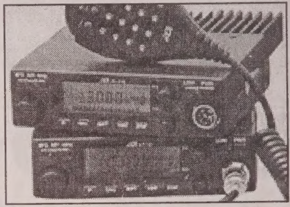
ADI AR-146 ADI AR-446



ADI's mobile transceivers can fill any requirement you might have. The AR-146 2M, with 50W and the AR-446 70cm with 35W, each have three power settings. They have 40 memories and are MARS/CAP capable. Other features include CTCSS encode/decode standard, DTMF paging, multi-function DTMF microphone, TX timer and auto power off, frequency or channel display, 4-step display dimmer. Compact, only 1.5h x 5.5w x 6.25d. See the ADI Mobiles at IRI!

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THE SERA OFFICIAL REPEATER INDEX

FOR: NORTH CAROLINA, TENNESSEE, VIRGINIA, WEST VIRGINIA KENTUCKY, SOUTH CAROLINA, GEORGIA, AND MISSISSIPPI

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SERA will not be responsible for incorrect or ommitted listings. The responsibility of correct listings of those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans.

SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Some repeaters allow voice as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their opertion of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Please work with your coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROPOSED" showing in the codes column.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
220 MHz.	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz.	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010	145.030
	145.050	145.070	145.090	145.510	145.530	145.550	145.570
	145.590	145.610	145.630	145.650	145.670	145.690	145.710
	145.730	145.750	145.770	145.790			
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441,1125	441.1375	441.1500	441.1625	441.1750	

222.350 - 222.450 (222.400 Center) - High speed digital channel (100 KHz wide)
223.800 - 223.900 (223.850 Center) - High speed digital channel (100 KHz wide)

NOTE: Digital operators are reminded to check with their local Digital/Packet Societies or organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Listings Correct as of Oct. 5, 1997

Note: Due to the limited time and staffing available for data processing, some recently reported datasheet changes are not reflected in this index. The index date of October 5, 1997 is merely an approximation for publication reasons only.

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640	-	LT118.8	*
CONYERS	AI8H	29.680	-	O	*
DALTON	N4BZJ	29.680	-	AL	*
#MACON	KF4XH	29.620	-	UNCOORD.	*
MONROE	KQ4XL	29.620	-		N

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	LT118.8	*
AUGUSTA	NA4I	53.030	-	BLP	*
#BISKEY MTN	KC4JNN	53.050	-	UNCOORD.	N
BOLINGBROKE	KC4ZIZ	53.430	-	B	*
CARTERSVILLE	WB4AEG	53.070	-	BT123.0	*
CLEVELAND	N4RBT	53.170	-		N
CONYERS	WB4JEH	53.550	-	LT151.4	*
#CONYERS	WB4JEH	51.550	+	UNCOORD.	*
CRAWFORD	KD4FVI	53.330	-	ET88.5	*
DALTON	N4BZJ	53.130	-		*
DECATUR	KA4UFM	53.390	-	PROPOSED	*
IVEY	K4YC	53.730	-	PROPOSED	*
LAKE PARK	KB0Y	53.890	-	T141.3	*
#MACON	KF4XH	53.390	-	UNCOORD.	*
MARIETTA	KF4BMG	53.250	-	PROPOSED	*
PINE LOG MT.	KE4PN	53.290	-	LT198.2	*
WATKINSVILLE	KD4AOZ	53.570	-	T	*

2 METERS

ADAIRSVILLE	WD4IWL	146.685	-	B	*
ALBANY	W4MM	146.700	-	A	N
ALBANY	W4MM	146.730	-		N
ALBANY	W4MM	146.820	-		N
AMERICUS	WD4EBB	147.270	+		N
ATHENS	WA4BKF	146.745	-	P	*
ATHENS/CRAWFORD	K4TQU	147.375	+	P	*
ATL/UNION CITY	WA4UPE	146.625	-	BEP	N
ATLANTA	W4AQL	145.150	-	PEB	*
#ATLANTA	WB6RTH	145.190	-	UNCOORD.	*
ATLANTA	W4IBM	145.290	-	BEP	*
ATLANTA	W4DOC	145.350	-	BT146.2	*
ATLANTA	K4LCI	145.430	-	P	*
ATLANTA	WB4QGR	146.640	-	T	N
ATLANTA	W4DOC	146.820	-	BEPT146.2	*
ATLANTA	WB4RTH	147.105	+	TY100.0	*
ATLANTA	K4JPD	147.195	+	T	N
ATLANTA/AIRPORT	W4REI	147.030	+		*
ATLANTA/BELL	W4PME	145.410	-	BEP	*
ATLANTA/GPCO	WA4VBX	147.285	+		*
ATLANTA/MARIETTA	N4NFP	146.655	-	ABLRT118.8	*
ATLANTA/MARIETTA	N4NEQ	147.345	+	ELRP118.8	*
ATLANTA/SWEAT MT	KD4NC	146.730	-	LK	N
AUGUSTA	KK4HL	145.110	-	AB	N
AUGUSTA	NA4I	145.290	-	BEP	*
AUGUSTA	AA4UA	145.370	-	AB	N
AUGUSTA	NA4I	145.410	-	BLP	*
AUGUSTA	W4DV	145.490	-	B	*
AUGUSTA	KT4N	146.940	-		*
AUGUSTA	NA4I	146.985	-	BELPT100.0	*
AUGUSTA	NI4S	147.120	+	P	*
BAINBRIDGE	KE4RWR	147.090	+	PROPOSED	N
BALDWIN	WD4NHW	147.180	+	A	*
BLAIRSVILLE	K5PRE	146.955	-		*
BONAIRE	KD4HMH	145.470	-	PROPOSED	N
BONAIRE	KM4DT	147.015	+	T82.5	*
BOSTON	W4UCJ	147.195	+	ABE	*
BRUNSWICK	K4TVE	146.730	-	A	N
CALHOUN/JASPER	KC4AQS	146.805	+	PLBR	*
CARROLLTON	W4FWD	146.640	-	BET131.8	*
CARTERSVILLE	N4GIS	147.015	-	BERP	*
CEDARTOWN	W4CMA	147.120	+	P	*
CHULA	KF4BPW	147.285	+	BT103.5	N
CLARKESVILLE	K4HCA	147.120	+	BEP	*
CLEVLND/LONG MTN	WB4HIG	146.910	-	AB	*
COCHRAN	N4MXC	145.110	-	ABET107.2	*
COCHRAN	KF4LAP	147.330	+	PROPOSED	N
COLBERT	N4ALE	147.300	+		*
COLUMBUS	W4CVY	146.610	-	A	*
CONYERS	WB4JEH	145.230	-	LT151.4	*
CONYERS	WB4JEH	146.610	-	ABLT151.4	*
#CONYERS	KF4GHF	147.210	+	UNCOORD.	*
CORDELE	KB0Y	145.230	-	PROPOSED	*
CORDELE	KA4WUJ	145.490	-	BT103.5	*
COVINGTON	WA4ASI	146.925	-	AL	*
COVINGTON	WA1KMS	147.270	+	BT127.3	*
CUMMING/SAWNEE	K4BYK	147.150	+	PL	N
DAHLONEGA	N4KHQ	146.835	+	BPRT100.0	*
DALLAS	W4RPO	146.850	-	PE	N
DALLAS	WD4LUQ	146.895	+	BRT77.0	*
DALTON	KS4BS	145.230	-	A	N
DALTON	N4BZJ	147.135	+	ABELRT100.0	*
DECATUR	W4BOC	145.450	-		*
DONALSONVILLE	KD4ORB	147.375	+	T	N
DOUGLAS	K4SES	147.045	+		*
DOUGLASVILLE	KR4HV	145.110	-	BPT88.5	*
DOUGLASVILLE	WA4CLC	147.360	+		*
DUBLIN	WA4HZX	147.360	+	AB	*
EASTMAN	KC4RRO	145.210	-	B	*
EATONTON	KC4YHM	147.090	+	ABERT179.9	*
ELBERTON	N4UJT	146.625	-		N
ELLIJAY/TALONA M	KC4ZGN	146.985	-	ABT77.0	*
EMERSON	AE4JO	147.240	+	BET103.5	*
FAYETTEVILLE	W4PSZ	145.210	-	PE	*
FAYETTEVILLE	KB4VAG	146.685	-	BP	*
FAYETTEVILLE	WD4LYT	147.165	+	BPT	N
FOLKSTON	KD4GEY	146.790	-	AE	N
GAINESVILLE	W4ABP	146.670	-	BEPT131.8	*
GRIFFIN	K4HYB	145.390	-	P	N
GRIFFIN	K4HYB	146.910	-		N
HARTWELL	WA4RBS	146.895	-	BT100.0	*
HELEN	W4MMQ	147.390	+	AB	*
HINESVILLE	KF4UM	147.015	+	ABE	*
IRWINTON	WB4NFG	147.240	+	ABT77.0	*
IVEY/MACON	K4YC	145.150	-	BER	*
IVEY/MACON	K4YC	145.250	-	BT	*
JASPER	KB4IZF	145.370	-	BPT100.0	*
JASPER	W4OOM	146.700	-		*
JESUP	WA4EQL	145.190	-	B	N
JESUP	KA4EIM	145.430	-	A	*
JESUP	N4PJR	146.925	-	P	N
JESUP/SCREVEN	N4PJR	147.345	+	O	N
JONESBORO	WA4DIW	145.170	-	BE	*
JONESBORO	WA4OGE	145.330	-	E	N
KIBBEE	K4HVK	146.820	-	T	*
KINGSLAND	KC4WWU	147.285	+	PROPOSED	N
LAFAYETTE	KB4VAK	147.375	+	ABRT77.0	*
LAKE PARK	KB0Y	147.135	+	BLT141.3	*
LAVONIA	K4NVG	146.715	-	BEPT100.0	*
LAWRENCEVILLE	WB0QGH	145.190	-	BT82.5	*
LAWRENCEVILLE	WD4JXR	147.075	+	EP	*
#LINCOLNTON	KT4N	147.120	+	UNCOORD.	N
LOOKOUT MTN	W4FGQ	145.350	-	ABT146.2	*
LOOKOUT MTN	KS4QA	146.760	-	ABT67.0	*
MACON	W4BKM	145.370	-		N
MACON	AA4RI	145.430	-	PLR	*
MACON	W4BKM	146.660	-	NBP	N
MACON	KC4ZGR	146.805	-	ABERT77.0	*
MACON	N3SM	146.895	-	AT123.0	*
MACON	WA4DDI	147.060	+	T	*
#MACON	KF4XH	147.165	+	UNCOORD.	*
#MADISON	WB4DKY	146.865	-	UNCOORD.	*
MARIETTA	W4LMA	145.490	-	PE	*
MARIETTA	N4NFP	146.775	-	BLRPT118.8	*
MARIETTA/ATLANTA	W4BTI	146.880	-	BEPT100.0	*
MILLEDGEVILLE	WB4DOJ	146.700	-	AT67.0	*
MILLEDGEVILLE	K4FRM	147.135	+	BLT123.0	N
MORGANTON	N4NEQ	147.165	+	LT	N
MOULTRIE	WD4KOW	146.790	-		*
NEWNAN	K4SEX	145.130	-	BEPT111	N
NEWNAN	K4SEX	146.790	-	BEPT111	N
#NORTH ATLANTA	KR4KS	147.315	+	UNCOORD.	N
PEMBROKE	WB4CJB	147.075	+	A	N
PERRY	AB4MS	145.290	-	BT107.2	*
PERRY	AC4MU	146.955	-	AB107.2	*
QUITMAN	WA4NKL	146.880	-		*
RICEBORO	KF4UM	145.470	-	ABE	*
RINGGOLD	W4ABZ	146.715	-	BLPT67.0	N
ROME	WB4YSV	147.300	+		N
ROME/MT. ALTO	W4VO	146.940	-	BP	*
ROSWELL	N4CLA	147.060	+	PE	N
SANDERSVILLE	KT4X	145.270	-	AT77.0	N
SAVANNAH	KK4TO	146.700	-	BEP	N
SAVANNAH	N4TBP	146.850	-	BE	N
SAVANNAH	W4HBB	146.880	-	AB	N
SAVANNAH	W4HBB	146.970	-	AB	N
SAVANNAH	KK4TO	147.210	+	EP	N
SAVANNAH	KK4TO	147.330	+	BEP	N
ST SIMONS ISLAND	N4XGI	145.330	-	BT131.8	*
STONE MT	W4BOC	146.760	-	T107.2	*
STONE MTN	WD4KDT	147.255	+	BT110.9	N
SUMMERVILLE	KA4LVY	147.225	+	AB	*
SWEAT MT/MARIETT	N4CLA	145.470	-	PE	N
THOMASTON	W4OHH	147.390	+	BP	N
THOMASVILLE	W4UCJ	147.060	+		*
#THOMASVILLE	KD4POG	147.240	+	UNCOORD.	N
THOMSON	KC4GSS	146.835	-	A	*
TOCCOA	KA4DIP	147.330	+		*
VALDOSTA	KB0Y	145.130	-	BLRT141.3	*
VALDOSTA	KF4BJM	146.760	-	ABERT141.3	*
WALESKA/PNLGMT	KE4PN	145.270	-	LT103.5	*
WARM SPRINGS	KN4FE	146.985	-	BE	N
WARNER ROBINS	KF4KVE	146.850	-	BP	N
WARNER ROBINS	WB4BDP	147.180	+	ALP	*
WARNER ROBINS	AC4MU	147.300	+	ABER107.2	*
WATKINSVILLE	KD4AOZ	147.045	+	T	*
WAYCROSS	AE4PO	146.640	-	AT141.3	*
WAYNESBORO	WD4COL	145.230	-		N
WRENS	KB4NA	146.775	-		*

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE GEORGIA REPEATERS

WRIGHTSVILLE	WA4RVB	146.940 -	ABR	N

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	BEPT100.0	*
ACWORTH/ATL	N4MTA	224.500 -	BEPT100.0	*
ALPHARETTA	NX9O	224.580 -	BPR	*
#ALPHARETTA	WB6RTH	224.840 -	UNCOORD.	*
ALPHARETTA	KC4JNN	224.860 -	ABELRT100.0	N
ATL/MARIETTA	N4NEQ	224.440 -	BLRPT118.8	*
ATLANTA	W4DOC	224.340 -	BT146.2	*
ATLANTA	W4DOC	224.560 -	BT146.2	*
ATLANTA	KK4C	224.820 -		*
ATLANTA-NE	KC4OVY	224.200 -	BRPT100.0	*
ATLANTA/BELL	W4PME	224.620 -	BEP	*
ATLANTA/MARIETTA	N4NFP	224.120 -	ABLRT118.8	*
ATLANTA/MARIETTA	N4NEQ	224.220 -	BT	*
ATLANTA/MARIETTA	PT2RFL	224.960 -	BEPRT100.0	*
AUGUSTA	AA4UA	224.200 -	AB	N
AUGUSTA	WB4KXO	224.940 -	P	*
BALDWIN	WS4F	224.100 -		N
BISKEY MTN	KC4JNN	224.160 -	ABELRT100.0	N
CARTERSVILLE	N4GIS	224.600 -	BERP	*
CLEVELAND	N4RBT	224.380 -	PR	N
#CONYERS	WB4JEH	224.020 -	UNCOORD.	*
CUMMING	K4JSR	224.980 -	PL	N
DALLAS	N4YDX	224.180 -	BL	N
DALLAS	N4YEA	224.540 -	BP	*
DALLAS	KE4ZTA	224.700 -	BEPR	*
DALTON	N4BZJ	224.360 -	ABT	*
DALTON	N4BZJ	224.460 -	T118.8	*
DALTON	N4BZJ	224.680 -		*
DALTON	N4KVC	224.740 -	ERT	*
FORT MOUNTAIN	KD4JBQ	224.920 -	ABERT	N
GAINESVILLE	W4ABP	224.460 -	PROPOSED	*
HAWKINSVILLE	WR4MG	224.820 -	PROPOSED	N
#LOGANVILLE	WB6RTH	224.640 -	UNCOORD.	*
MACON	W4BKM	224.660 -		N
MARIETTA	KE4QFG	224.260 -		*
MARIETTA	W4LMA	224.900 -	PE	*
NORCROSS	KE4IPX	224.480 -		*
PINE LOG MTN	KE4AIS	224.520 -	BEPR	*
ROCKMART	KC4KLW	224.780 -		N
SNELLVILLE	KR4KS	224.920 -	T	N
STONE MT	W4BOC	224.760 -		*
VALDOSTA	KB0Y	224.460 -	BLPRT141.3	*
WALESKA	KD4ALC	224.140 -	PROPOSED	N
WALESKA	N4GIS	224.940 -	BERP	*
WARNER ROBINS	AC4MU	224.840 -	ABER	*
WATKINSVILLE	KD4AOZ	224.420 -	T	*
YORKVILLE	WD4LUQ	224.880 -	BRT77.0	*

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	*
ALBANY	W4MM	444.500 +		N
ALPHARETTA	WB6RTH	442.000 +	ABEKL	*
ATHENS	AA4AI	442.950 +	T179.9	N
ATHENS	WB4VNT	443.300 +	BT	*
ATL/MARIETTA	N4NFP	442.800 +	LT	*
ATLANTA	WA4NMF	442.025 +	T100.0	*
ATLANTA	WA4CNG	442.100 +	PROPOSED	N
#ATLANTA	WB6RTH	442.225 +	UNCOORD.	*
ATLANTA	WB5TUF	442.525 +	RT	*
ATLANTA	KE4PVE	442.675 +	BLT100.0	*
ATLANTA	WA4NMF	443.025 +	LT100.0	*
ATLANTA	WB5TUF	443.450 +	LT	*
ATLANTA	KE4ZV	443.650 +	BLT100	N
ATLANTA	KD4LXT	443.875 +	BEP	N
ATLANTA	W4DOC	444.450 +	BT146.2	*
ATLANTA	WB5TUF	444.500 +	T123.0	*
ATLANTA	W4DOC	444.825 +	BT146.2	*
ATLANTA/BELL	W4PME	444.150 +	BEPT	*
ATLANTA/MARIETTA	PT2RFL	442.875 +	BEPRT100.0	*
ATLANTA/MARIETTA	N4NFP	443.800 +	BLRPT118.8	*
ATLANTA/MARIETTA	N4NEQ	444.050 +	BT118.8	*
ATLANTA/MARIETTA	N4NEQ	444.775 +	ABLRP118.8	*
AUGUSTA	AA4UA	444.400 +	AB	N
AUGUSTA	NA4I	444.900 +	BLP	*
BALDWIN	WD4NHW	442.350 +		*
BARNESVILLE	N4GWO	443.675 +		N
#BISKEY MTN	KC4JNN	443.250 +	UNCOORD.	N
BONAIRE	KM4DT	444.625 +	T82.5	N
BRUNSWICK	KD4CPO	443.425 +	A	N
BRUNSWICK	K4TVE	444.975 +	O	N
BUFORD	NZ3I	442.900 +	BPT103.5	*
BYRON	KF4XH	443.150 +	E	*
CALHOUN/JASPER	KC4AQS	443.375 +	BP	*
CARROLLTON	AE4GU	444.075 +	BPT107.2	*
CARROLLTON	AE4GU	444.300 +	ABPRT107.2	*
CEDARTOWN	KD4EKZ	443.400 +	T123.0	*
CEDARTOWN	KD4NTF	443.575 +	OBPT107.2	*
CHATSWORTH	N4OGF	443.000 +		*
CHESTER	KD4IEZ	444.525 +	BLT156.7	*
CLARKESVILLE	K4HCA	442.425 +	B	*
CLAYTON	K4DKI	442.825 +	BT	N
COCHRAN	N4MXC	444.775 +	PROPOSED	*
COCHRAN	KF4LAP	444.975 +	PROPOSED	N
CONCORD	WB4GWA	443.400 +	118.8	N
CONYERS	WB4JEH	442.550 +	LT151.4	*
CONYERS	N4EMM	442.750 +	RP	N
CONYERS	KB2DZA	443.725 +	PROPOSED	*
CONYERS	WB4JEH	444.550 +	LT151.4	*
CONYERS	KC4ELV	444.875 +	BLP	*
COVINGTON	KL7TF	443.750 +	B	N
COVINGTON	KE4PVE	444.175 +	BLT100.0	*
COVINGTON	WA1KMS	444.600 +	BT127.2	*
COVINGTON	WA4ASI	444.800 +	ALT88.5	*
CULLODEN	KE4BB	444.275 +	T123.0	N
DAHLONEGA	N4KHQ	443.100 +	100	*
DALLAS	WD4LUQ	444.700 +	BRT77.0	*
DALTON	N4BZJ	442.175 +	ABET118.8	*
DALTON	N4BZJ	444.500 +	T118.8	*
DALTON	N4BZJ	444.850 +		*
DANIELSVILLE	KE4FHN	442.650 +	AT	N
DECATUR	N3APR	442.200 +	A	N
DECATUR	KA4UFM	443.950 +	BPT110.9	*
DECATUR	W4BOC	444.250 +		*
DOUGLASVILLE	KD4RQJ	444.575 +		*
DUBLIN	KD4FOC	442.600 +	PT77.0	*
DUBLIN	KD4IEZ	443.025 +	LT156.7	*
DULUTH	W4IXN	443.775 +	BT82.5	*
EATONTON	KC4YHM	442.925 +	ABE	*
ELLIJAY	KC4ZGN	442.700 +	AT77.0	*
FLOWERY BRANCH	K4VJM	442.775 +	PROPOSED	N
FOLKSTON	KD4GEY	444.475 +	A	N
FORT MOUNTAIN	KD4JBQ	442.575 +	ABERT	N
GAINESVILLE	W4ABP	442.625 +	BEPT131.8	*
#GAINSVILLE	AE4GU	444.200 +	UNCOORD.	*
GRAY	KD4KGR	443.625 +		N
GREENSBORO	N4YXL	444.850 +	PROPOSED	N
HAPEVILLE	KC4ENL	442.825 +	T167.9	N
HELEN	W4MMQ	444.350 +	B	*
HIGH PT/LOOKT MT	KB4VAK	443.450 +	ABRT77.0	*
HINESVILLE	KF4UM	444.850 +	PROPOSED	*
IRWINTON	WB4NFG	444.925 +	T77.0	*
IVEY	K4YC	444.650 +	BLT	*
JASPER	W4UWH	443.625 +	ABERT	N
JASPER	KB4IZF	444.375 +	BPT103.5	*
JESUP	N4PJR	444.925 +	O	N
JULIETTE	WB4JWM	444.425 +	BLT156.7	*
KENNESAW	WA0HQQ	443.075 +	BT	*
KNOXVILLE	N4PQR	443.525 +	PROPOSED	N
LAKEMONT	N4ZRF	444.750 +	BKT	*
LAVONIA	K4NVG	442.475 +	BPT203.5	*
LAWRENCEVILLE	WB0QGH	442.850 +	BT82.5	*
LAWRENCEVILLE	WB4QDX	444.000 +	T10030	N
LAWRENCEVILLE	WA4NMF	444.025 +	LT100.0	*
LOOKOUT MTN	KS4QA	442.650 +	BT146.2	*
MABLETON	KE4MLW	442.325 +	ABET	*
MACON	K4VTT	442.275 +	ABELRT100.0	*
MACON	N4IWK	442.875 +	PT	N
MACON	KC4ZIZ	443.075 +	BLT156.7	*
MACON	W4BKM	444.100 +		N
MARIETTA	N1KDO	442.050 +	T107.2	*
MARIETTA	KE4QFG	442.375 +	PT	*
MARIETTA	WA4OKJ	442.600 +	EPT100.0	*
MARIETTA	N4MTA	443.500 +	BEP	*
MARIETTA	KF4BMG	443.750 +	T156.7	*
MARIETTA/ATL	KE4QFG	442.725 +	PT	*
MILLEDGEVILLE	WB4DOJ	444.700 +	LT156.7	*
MONROE	KD4WOU	443.825 +	T123.0	*
MONROE	KQ4XL	443.925 +	T	N
MT. VERNON	KE4PMP	442.500 +	PROPOSED	*
NEWNAN	KE4PVE	444.350 +	PROPOSED	*
#NORTH ATLANTA	KR4KS	442.250 +	UNCOORD.	N
PEACHTREE CITY	N4YTR	444.675 +	BEP	N
PENDERGRASS	KE4PVE	444.125 +	PROPOSED	*
PERRY	AC4MU	444.950 +		*
QUITMAN	WA4NKL	444.600 +	T127.3	*
REX	KB4NPO	443.975 +	PROPOSED	N
RINGGOLD	WA4LJU	443.925 +	PR	N
ROCKMART	KC4KLW	443.275 +	ABT179.9	N
ROCKMART	KC4KLW	443.525 +		N
ROSWELL	W8BLA	442.075 +	AT	N
ROSWELL/BELL	N4SE	442.150 +	T	*
ROSWELL/BELL	W4PME	443.150 +		*
SAVANNAH	KK4TO	442.700 +		N
SAVANNAH	WD4AFY	444.000 +	B	N
SMYRNA	N4IBW	444.650 +		N
SNELLVILLE	NE1H	442.450 +	T	*
SNELLVILLE	NE1H	443.050 +	T	*
SNELLVILLE	WD4JXR	444.525 +	P	*
ST MARYS	WA4DXS	444.900 +	PROPOSED	N
ST SIMONS ISLAND	N4XGI	442.950 +	PROPOSED	*
STOCKBRIDGE	N4JMD	443.325 +	PT	N
SWEAT MT/MARIETT	N4CLA	444.475 +	EP	N
TRENTON	N4ZKI	442.475 +	B	*
TUCKER	KF4LNY	442.500 +	PT	*
VALDOSTA	KB0Y	444.350 +	BLPRT141.3	*
VALDOSTA	KF4BJM	444.700 +	ABET141.3	*
WALESKA	N4GIS	443.175 +	BERP	*
#WALESKA	KE4PN	443.850 +	UNCOORD.	*
WARM SPRINGS	N4UER	442.400 +	BE	N
WARNER ROBINS	AC4MU	442.900 +		*
WARNER ROBINS	WB4BDP	444.225 +	EP	*
WATKINSVILLE	KD4AOZ	444.725 +	T	*
WOODSTOCK	KE4SJO	444.225 +	PROPOSED	N

920 MHZ

DALTON	N4BZJ	919.100 -	T	*
#SAVANNAH	WA4VHP	923.000 -	UNCOORD.	*

1270 MHZ

ATLANTA	WB5TUF	283.450 -	PROPOSED	*
ATLANTA/BELL	KB4KIN	292.000 -		*

ATV REPEATERS

ATL/MARIETTA	N4NEQ	427.250 +	VR	*
ATLANTA/BELL	W4ZTL	421.250 +	V	*
DALTON ATV	N4BZJ	421.250 +	V	*
SAVANNAH	KK4TO	421.250 +	BV	N
SAVANNAH	WA4VHP	427.250 +	BRTV	*

KENTUCKY

6 METERS

ASHLAND	KF4DTJ	53.010 -		*
HIGHLAND HEIGHTS	AD4CC	53.330 -	ABR	*
HIGHLAND HEIGHTS	W4WYH	53.750 -	PROPOSED	*
LAWRENCEBURG	N4EQT	53.130 -	PROPOSED	*
LEXINGTON	KE4LGL	53.570 -	P	*
MONTICELLO	N4TPL	53.070 -	T100.0	N
NANCY	KA4UHL	53.270 -	ABET100.0	*
STANTON	WD4KNE	53.810 -	P	N

2 METERS

ALLEN	K4ICN	147.300 +	ALRT123.0	*
ASHLAND	KA4OIL	146.940 -	P	N
ASHLAND	KF4DTJ	147.240 +	PT107.2	*
ASHLAND	WA8KWH	147.330 +	A	N
BARDSTOWN,NELSON	WB4GGH	145.470 -		*
BEREA	KI4B	146.715 -	B	*
BLACK MOUNTAIN	N4UDV	147.210 +	BT103.5	*
BOWLING GREEN	WD4MNI	147.165 +	B	*
BOWLING GREEN	KA4CFW	147.330 +	B	N
BOWLING GREEN-SO.	WD4MNI	146.655 -	L	*
BROOKS	KY4KY	146.700 -	BELPRT151.4	*
CANE VALLEY	WA4UXJ	146.640 -	A	*
#CENTRAL CITY	WF4N	145.390 -	UNCOORD.	*
CORBIN	WD4KWV	146.610 -	P	*
COVINGTON	WR8CRA	147.390 +		*
CRESTWOOD	WD8ACR	147.390 +	PT151.4	*
DANVILLE	WD4DZC	146.655 -	A	*
DORTON	KC4KZT	146.895 +	ART167.9	*
DRAKESBORO	KF4DKJ	146.820 -	BPT	N
#ELIZABETHTOWN	N4UL	145.350 -	UNCOORD.	N
ELIZABETHTOWN	W4BEJ	146.980 -	ABL	N
FARMINGTON	W4GZ	147.240 +		*
FLORENCE	K4JBV	146.895 -	ALR100.0	*
FRANKFORT	KC4KDZ	145.390 -	BEP	*
FRANKFORT	KC4AI	147.240 +	T100.0	N
#GEORGETOWN	N4CO	147.675 -	UNCOORD.	N
#GLASGOW	KY4X	146.940 -	UNCOORD.	*
GRAYSON	KF4JO	146.700 -		N
GREENVILLE	WA4TTC	146.745 -	P	N
GRETHEL	KJ4VF	147.045 +	LRP	*
GUTHRIE	KA4NNE	146.805 -	L	N
HALLS GAP	W8PRH	145.170 -	AL	*
#HAWESVILLE	K9ZK	147.105 +	UNCOORD.	N
HAZARD	K4VHF	146.670 -	B	*
HAZARD	W8PRH	146.805 -	AL	*
HENDERSON	W4KVK	145.490 -		N
#HENDERSON	K4DPP	146.970 -	UNCOORD.	*
HENDERSON	K4LRX	147.180 +	PROPOSED	N
HIGHLAND HEIGHTS	W4YWH	146.790 -		*
HIGHLAND HEIGHTS	K4CO	147.255 +	PT123.0	*
#HODGENVILLE	KC4TX	147.315 +	UNCOORD.	*
HOPKINSVILLE	KF4FO	146.710 -	BR	N
HOPKINSVILLE	KD4ULE	147.030 +	AT103.5	*
IRVINE	WB4AIA	146.820 -	BELRPT192.8	*
IRVINE	AD4RU	147.015 +	BEP	*
#IRVINE	WB4AIA	147.225 +	UNCOORD.	*
IRVINGTON	WB4WVH	146.900 -	AE	*
JACKSON	WA4MXO	145.410 -	A	N
#JOHNATHAN CREEK	N4SEI	146.985 -	UNCOORD.	N
LAWRENCEBURG	N4EQT	146.955 -	BT192.8	*
LAWRENCEBURG	N4EQT	147.105 +	BT192.8	*
LEESBURG	KC4UPE	145.110 -	BPT192 8	N
LEXINGTON	KC4ZY	145.250 -	P	N
LEXINGTON	KC4TX	145.450 -	P	N
LEXINGTON	WB4CWF	145.490 -	PROPOSED	N
LEXINGTON	KE4ISR	146.685 -	AB	N
LEXINGTON	AC4AO	146.730 -		N
LEXINGTON	K4KJQ	146.760 -	PE	*
LEXINGTON	WA4HBM	147.165 +		*
LEXINGTON	KJ4VF	147.195 +	AB	*
LEXINGTON/GRGTWN	W8PRH	145.210 -	AL	*
LONDON	KC4ZFH	147.285 +	BT	N
LOUISA	N8QCW	147.390 +	BRT186.2	*
LOUISVILLE	W8PRH	145.230 -	AL	*
LOUISVILLE	WD4ELX	145.290 -	R	N
LOUISVILLE	W4PF	146.880 -	P	*
LOUISVILLE	W4PJZ	147.030 +	BERPT151.4	*
LOUISVILLE	N4NMC	147.070 +	BEPT151.4	*
#LOUISVILLE	KA4KMT	147.120 +	UNCOORD.	N
LOUISVILLE	W4CN	147.180 +	PE	*
LOUISVILLE	KQ9Z	147.360 +	A	*
LOUISVILLE AREA	N4RBL	145.130 -	BT151.4	N
LYNN GROVE	KA4BLZ	146.895 -	PT210.7	N
MADISON CO RACES	KD4PWK	146.865 -	A	*
MADISONVILLE	KC4FRA	146.610 -	AB	*
MAYSVILLE	WA4WMM	145.470 -	BEP	*
MIDDLESBORO	W4PPM	146.775 -		N
MILLARD	KD4RTR	146.745 -	PROPOSED	*
MONTICELLO	N4TLK	145.150 -	BP	*
MONTICELLO	N4TPL	147.375 +	BRT100.0	N
MOREHEAD	KJ4VF	145.130 -	LRP	*
MOREHEAD	K4GFY	146.910 -	T123.0	N
MT. STERLING	WD4KNE	147.330 +	B	*
MURRAY	K4MSU	146.940 -	BP	*
NANCY	KA4UHL	146.790 -	PROPOSED	N
#NEBO	AA4NI	146.730 -	UNCOORD.	N
#NICHOLASVILLE	WB4LBI	146.990 -	UNCOORD.	N
OWENSBORO	K4DC	146.685 -	AB	*
OWENSBORO	KM4OF	146.865 -	AB	N
OWENSBORO	K4HY	147.210 +	AL	N
PADUCAH	K4CUW	146.655 -	BT	*
PADUCAH	K4CUW	146.760 -	BP	*
PHELPS	KJ4YK	147.090 +	R	*
PIKEVILLE	AD4BI	145.150 -	BR	*
PIKEVILLE	KM4IV	146.850 -	ELR	*
#PINEVILLE	WA4YZY	146.640 -	UNCOORD.	*
PRESTONSBURG	WB4UBY	147.165 +		*
PRINCETON	W4KBL	146.670 -		N
RADCLIFF	W4BEJ	146.925 -	ABL	N
RICHMOND	KE4YVD	145.370 -	BPT192.8	N
ROCKPORT	KD4BOH	145.270 -	ABE	*
SALEM	KC4VXR	147.315 +	BO	*
SALVISA	KC4ZOX	146.835 -	BLPT192.8	N
SALYERSVILLE	KB4SQI	145.190 -	BPRT127.3	*
SHELBYVILLE	KE4LR	147.000 +	BEP	*
SOMERSET	N4AI	146.880 -	BL	*
SOUTH PORTSMOUTH	WD8IFH	145.390 -	BPRT	N
SPRINGFIELD	WA4SJH	147.300 +	ABL	*
ST. CHARLES	KD4ETF	147.270 +		N

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency
Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote
Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

MORE KENTUCKY REPEATERS

STANTON	N4VOS	145.290 -		N
STANTON	W8PRH	146.970 -	AL	*
TOMPKINSVILLE	KJ4OG	146.775 -	B	*
VANCEBURG	AE4SK	146.775 -	BEPR	*
VERSAILLES	KF4INN	145.330 -	AB	N
WALTON	K4CO	147.375 +		*
WEBSTER	K4ULW	146.625 -	B	*
WILLIAMSBURG	KD4DAX	145.350 -	AB	N
WILLIAMSBURG	KG4M	147.000 +		*
WINCHESTER	WB4ASZ	147.120 +	EP	*

220 MHZ

ASHLAND	KF4DTJ	223.940 -		*
IRVINE	AD4RU	224.940 -	BEP	*
LANCASTER	KD4RXF	224.560 -	P	*
LEXINGTON	AC4AO	224.420 -	ABEL	N
LEXINGTON	KR4BD	224.800 -		*
LOUISVILLE	KA4MKT	224.300 -	B	N
LOUISVILLE AREA	N4RBL	224.700 -	PROPOSED	N
MIDDLESBORO	AA8NA	224.120 -	T82.5	N
NANCY	KA4UHL	224.100 -	ABET100.0	*
PIKEVILLE	KD4DAR	224.620 -	R	N
SOMERSET	N4AI	224.300 -	BER	*
SOMERSET	N4AI	224.880 -	BL	*
VERSAILLES	AD4CR	224.220 -	BERP	N

440 MHZ

ALLEN	N4IWZ	444.775 +	ART123.0	*
ASHLAND	KF4DTJ	444.975 +		*
BAGDAD	WB4PQJ	443.850 +	PROPOSED	N
BEATTYVILLE	KC4UPE	444.825 +	BLPRT	N
BOWLING GREEN	WD4MNI	444.100 +	ABL	*
BOWLING GREEN	N5KOL	444.700 +	BT136.5	*
CANE VALLEY	KC4TX	443.950 +	AT	*
CORBIN	WB4IVB	444.900 +	RT100.0	*
COX'S CREEK	AE4NU	443.450 +	PROPOSED	N
DAWSON SPRINGS	KE4SZI	444.275 +	A	*
DEANE	N4LGT	444.425 +	PROPOSED	N
DORTON	KD4RTR	442.150 +		*
DORTON	KJ4VF	443.250 +	LRP	*
ELIZABETHTOWN	W4BEJ	444.800 +	ABL	N
FLORENCE	KC4COV	443.175 +	ABT192.8	*
FLORENCE	KC4COV	444.175 +	ALRT192.8	*
FORT WRIGHT	KC4KMV	442.525 +	BELPT123.0	*
FRANKFORT	K4NGQ	442.175 +	PROPOSED	N
FRANKLIN	KD4TAH	443.225 +	BP	N
GILBERTSVILLE	W2HR	442.850 +	BEPT103.5	*
GLASGOW	KY4X	444.925 +		*
GLASGOW/CVCTY	KF4DC	444.250 +		N
GRAEFENBURG	N4HZX	443.550 +	BEPR	*
GRETHEL	KJ4VF	444.525 +		*
HAWESVILLE	KB4QFL	444.625 +	P	N
HENDERSON	KY4K	444.725 +	BT203.5	*
HIGHLAND HEIGHTS	W4YWH	444.900 +		*
HOPKINSVILLE	KE4AIF	444.750 +	ABT103.5	*
INDEPENDENCE	KB8SBN	444.075 +	ABT110.9	N
IRVINE	WB4AIA	442.900 +	BL	*
IRVINE	AD4RU	444.000 +	BEP	*
LATONIA	AA4XV	442.400 +	PT	N
LAWRENCEBURG	N4EQT	443.325 +	B	*
LEWISPORT	K4DC	444.550 +	ALR	*
LEXINGTON	KD4ADJ	442.050 +	P	N
LEXINGTON	KE4OOL	443.025 +	BPT123.0	*
LEXINGTON	KC4ZY	444.125 +	P	N
LEXINGTON	KC4DUU	444.550 +	PROPOSED	N
LEXINGTON	KE4ISR	444.725 +	PT	N
#LEXINGTON	N4DUE	444.950 +	UNCOORD.	*
LOUISVILLE	N4ORL	442.000 +	RP	N
LOUISVILLE	KB4RYM	442.500 +	C	N
LOUISVILLE	WD4ELX	442.550 +	B	N
LOUISVILLE	KB4YJ	442.725 +	BET151.4	N
LOUISVILLE	WD9EQC	443.500 +		*
LOUISVILLE	N4UL	444.100 +	ABELRT173.8	*
LOUISVILLE	N4NMC	444.600 +	BEPT151.4	*
LOUISVILLE AREA	N4RBL	442.100 +	BPT	N
LOUISVILLE AREA	KD4CLR	442.450 +	BPT151.4	*
LOUISVILLE SW	K4ULW	443.350 +	PROPOSED	*
MADISONVILLE	KC4FIE	442.425 +		*
MADISONVILLE	AE4LW	442.575 +	PT100.0	N
MADISONVILLE	KC4FIE	442.775 +	B	*
MADISONVILLE	KC4FIE	444.600 +	P	*
MAMMOTH CAVE	KF4QZN	444.475 +	BT179.9	*
MARION	KR4PF	444.200 +	ABLT100.0	N
MAYSVILLE	KF4BRO	443.500 +	BPT123.0	N
META	WB4UBY	443.500 +		*
MIDDLESBORO	AA8NA	442.325 +	T67.0	N
MiDDLESBORO	WB4IVB	444.150 +	T100.0	*
MILLARD	KD4RTR	443.425 +	BP	*
MONTICELLO	N4TPL	443.400 +	BRT100.0	N
MONTICELLO	WB9SHH	444.750 +	BP	N
MOREHEAD	K4GFY	442.500 +		N
MT STERLING	KD4ADJ	442.600 +	P	N
MURRAY	K4MSU	443.800 +	BP	*
NANCY	KA4UHL	443.600 +	ABET100.0	*
NEBO	AA4NI	444.850 +	C	N
NICHOLASVILLE	KC4UPE	444.775 +	PRT167.9	N
NICHOLASVILLE	WB4CWF	444.975 +	CR	N
OLIVE HILL	KO4LI	444.925 +	A	N
OWENSBORO	K4DC	443.100 +	AB	*
PHELPS	N4MVY	444.575 +		*
PIKEVILLE	KD4DAR	444.375 +		N
PIKEVILLE	AD4BI	444.475 +	BR	*
PRESTONSBURG	WB4KUC	444.200 +	BR	N
ROBINSON CREEK	KC4VYX	444.675 +	BR	*
ROCKPORT	KD4BOH	442.675 +	ABE	*
ROCKPORT	KD4BOH	444.075 +	PROPOSED	*
SALEM	KC4VXR	444.825 +	T100.0	*
SALVISA	KF4AWA	444.675 +	BT	N
SALVISA	KC4UPE	444.875 +	BPT167.9	N
SALYERSVILLE	KE4NLL	444.050 +	AT	N
SHELBYVILLE	KE4YRE	442.375 +	P	*
SHEPARDSVILLE	KD4YGK	444.400 +	PROPOSED	N
SIMPSONVILLE	KO4OT	444.450 +	B	*
SPRINGFIELD	WA4SJH	444.600 +		*
STANTON	N4VOS	442.075 +	CRP	N
VERSAILLES	KF4INN	443.775 +	P	N
WADDY	KS4TO	443.225 +	P	*
WALTON	K4CO	444.350 +	A	*

ATV REPEATERS

BOWLING GREEN	W4HTB	426.250 +	V	*
BOWLING GREEN	W4HTB	280.000 -	V	*
ELIZABETHTOWN	W4BEJ	421.250 +	V	N

MISSISSIPPI

10 METERS

POPLARVILLE	WA5WRE	29.620 -		N

6 METERS

BYHALIA	N4DRL	53.270 -	LRT	N
ELLISVILLE	N5EKR	53.010 -		N

2 METERS

ABERDEEN	WB5USN	147.270 +	AB	*
ACKERMAN	NO5N	147.120 +		N
AMORY	KB5DWX	146.940 -	LT192.8	N
AMORY	KB5DSN	147.090 +		N
BAY ST. LOUIS	WB4FUR	146.700 -		*
BILOXI	KC5IF	146.730 -	AEP	N
BOONEVILLE	K5YD	145.190 -	AB	*
BOONEVILLE	KI5WI	147.150 +	A	N
BUDE	K5JMD	146.850 -	BT103.5	N
BYHALIA	N4DRL	145.330 -	ABL	N
BYHALIA	N4DRL	147.225 +		N
COLLINS	N5LRQ	146.985 -	BRT136.5	*
CORINTH	WB5VOJ	146.925 -	T107.2	N
CORINTH	K5UFH	147.000 -		N
CORINTH	KB5TGA	147.285 +	ABLR	N
D'IBERVILLE	KC5IF	145.410 -	APER	N
ELLISVILLE	N5EKR	146.955 -		N
ELLISVILLE	N5DWU	146.835 +	T	*
ELLISVILLE	N5DWU	146.865 +	BLT136.5	*
ELLISVILLE	N5DWU	146.895 +	LRT136.5	*
FOREST	AB5SO	147.390 +	BPT100.0	*
GLOSTER	KA5BEE	145.430 -	T136.5	N
GREENVILLE	KG5SF	147.345 +		N
GRENADA	W5LV	146.700 -	PROPOSED	N
GULFPORT	KK5RK	145.330 -	ABE	N
GULFPORT	KA5VFU	147.375 +		*
HATTIESBURG	W5CJR	145.190 -		*
HATTIESBURG	KA5NNX	145.370 -		N
HATTIESBURG	W5CJR	146.775 -	BT	*
HATTIESBURG	W5CJR	147.360 +	O	*
HERNANDO	K5VV	146.910 -	OA	*
JACKSON	KB5KGE	145.390 -		N
JACKSON	W5AXQ	146.760 -		*
JACKSON	K5QNE	146.880 -	ABET100.0	*
JACKSON	KA5SBK	146.940 -	BERT100.0	N
JACKSON	W5IQ	147.000 +	T	*
JACKSON	NC5Y	147.075 +	AT	N
LAUREL	KB5RQL	146.610 -	BEP	N
LAUREL	KC5RC	147.255 +	B	N
LOUISVILLE	KC5QGC	147.360 +	AB	N
MADISON	KB5RZP	146.640 -		*
MAGEE	K5HYE	146.820 -	B	*
MAGEE	KA5LNY	147.300 +	B	*
MCCOMB	K5JMD	146.940 -	BT	N
MCHENRY	KK5RK	147.330 +	B	N
MENDENHALL	K5HYE	145.110 -	BT100.0	*
MENDENHALL	KB5IKR	145.210 -	PROPOSED	N
MERIDIAN	N5DWU	145.410 -	PROPOSED	N
MERIDIAN	W5FQ	146.700 -	BEP	*
MONTICELLO	N5JHK	147.015 +	AB	N
NATCHEZ	K5SVC	147.360 +	B	N
NEW HEBRON	N5MRS	147.090 +	AEATLRB	N
OCEAN SPRINGS	W5LDD	147.030 +	B	*
OKOLONA	KC5NIX	145.110 -		N
OLIVE BRANCH	KA5WMH	145.350 -	O	N
OXFORD	KC5KLW	145.290 -	PROPOSED	N
OXFORD	NU50	145.470 -	BLT107.2	*
PASCAGOULA	W5WA	145.110 -	AET	N
PASCAGOULA	N5PH	146.970 -	T	N
PEARL/RANKIN CO.	KF5IZ	147.150 +	ABET88.5	N
PETAL	N5DWU	145.170 -	LRT136.5	*
PICAYUNE	K5LFP	145.150 -		*
#PICAYUNE	K5LFP	147.180 +	UNCOORD.	*
POLKVILLE	KB5LCL	147.045 +	BLT141.3	N
PURVIS	KB5ZCX	146.670 -		N
RICHTON	N5DWU	145.490 -	PROPOSED	N
RICHTON	N5OCF	147.060 +		N
SENATOBIA	KB5DMT	146.985 -	T	N
SHARON	N5ZQC	145.450 -	BT100.0	N
SOSO	KB5UIX	147.135 +	T	N
SOUTHAVEN	N5PYQ	145.370 -	BET107.2	N
STARKVILLE	W5VZF	146.730 -		*
SUMRALL	KA5FYW	147.195 +		N
TUPELO	N5VGK	145.490 -	B	N
TUPELO	N5ELS	147.240 +	A	*
UNION	N5SPJ	147.210 +	ABELPT100.0	N
UTICA	N5ZMZ	145.350 -		*
UTICA	N5ZMZ	147.345 +		*
VICKSBURG	WJ5L	145.290 -	AB	*
VICKSBURG	KJ5OB	146.805 -		N
VICKSBURG	WB5YKR	147.270 +	BEPT100.0	*
VOSSBURG	N5DWU	146.925 -	PROPOSED	N
WALLS	N5NBG	145.270 -	PT162.2	N
#WATER VALLEY	N5DXM	147.000 -	UNCOORD.	N
WAYNESBORO	KI5WK	146.925 -	LRT136.5	N
WAYNESBORO	KB5SAR	147.105 +		*
WAYNESBORO	N5DWU	147.315 +		*
WEST POINT	KC5LIO	147.180 +	AB	*
WIGGINS	KB5DZJ	145.270 -	BPT136.5	*
WINONA	N5EYM	146.970 -	A	N

220 MHZ

BYHALIA	N4DRL	224.500 -	AL	N
ELLISVILLE	N5EKR	224.400 -	PROPOSED	N
VICKSBURG	WB5OWY	224.780 -		N
#WARSAW	N4DRL	224.880 -	UNCOORD.	N
WAYNESBORO	KB5SAR	224.140 -	B	*

440 MHZ

AMORY	KB5DSN	444.825 +		N
BILOXI	W5OXA	443.925 +	PROPOSED	N
BYHALIA	N4DRL	444.300 +	ABEL	N
CLERMONT HARBOR	WD5BJT	444.150 +	AL	N
CLINTON	KG5YV	444.000 +	T100.0	*
COLUMBUS	KB5ZZC	444.325 +	PROPOSED	N
DERBY	KB5OXE	443.975 +	PROPOSED	N
ELLISVILLE	N5DWU	442.200 +	BPT167.9	*
ELLISVILLE	N5DWU	442.250 +	BLT167.9	*
ELLISVILLE	N5DWU	442.325 +	BRT	*
GLOSTER	N5ZNS	443.825 +	BE	*
GREENVILLE	N5PS	444.675 +	P	N
GULFPORT	KK5RK	444.250 +	ABE	N
HATTIESBURG	W5CJR	443.700 +		*
HAZLEHURST	N5ZDF	443.950 +	T100.0	N
HEIDELBERG	KC5RC	444.300 +	BT100.0	N
HICKORY FLAT	W4ZCD	444.725 +	T179.9	*
JACKSON	KB5KGE	444.325 +		N
JACKSON	KB5LCL	444.450 +	RPT141.3	N
JACKSON	KB5CO	444.600 +	T100.0	*
JACKSON	NC5Y	444.700 +		N
JACKSON	KB5CO	444.800 +		N
LAUREL	AJ0X	443.500 +	ABER	*
MCCOMB	N5HTQ	444.875 +	T100.0	N
MCHENRY	KK5RK	444.750 +	B	N
MENDENHALL	K5HYE	443.600 +	B	*
MONTICELLO	N5DWU	442.075 +	PROPOSED	N
N.BILOXI/D'IBERV	KC5IF	444.550 +	OAERP	N
NEW ALBANY	WB5YCR	444.150 +	O	*
NEW HEBRON	N5NNI	444.525 +	ABT	N
PEARL	KB5HAV	444.375 +	ABT88.5	N
PETAL	KC5NXB	443.350 +	PT	N
PICAYUNE	KE5LT	443.725 +	T179.9	*
PINOLA	KC5LXF	444.850 +		N
PORT GIBSON	KC5CLM	444.575 +	T141.3	*
RICHTON	N5OCF	444.625 +	RP	N
ROSE HILL	KB5ZCX	442.875 +	PROPOSED	N
SOUTHAVEN	N5PYQ	444.925 +	OBT107.2	N
STARKVILLE	W5VZF	444.750 +	PR	*
#STENNIS SPACE C	WB4FUR	444.650 +	UNCOORD.	*
TUPELO	N5VGK	444.950 +	BT192.8	N
VICKSBURG	WB5TTE	444.925 +	ABER	*
VOSSBURG	N5LRQ	442.725 +	T167.9	*
WALLS	N5NBG	444.650 +		N
WAYNESBORO	KB5SAR	443.550 +		*
WAYNESBORO	N5DWU	443.900 +	LPT167.9	*
WEST POINT	N5WXD	443.350 +		*
WIGGINS	KB5DZJ	443.300 +	BP	*

ATV REPEATERS

GAUTIER	KA5NOJ	911.250 -	V	*
GAUTIER	KA5NOJ	426.250 +	V	*

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660 -	PROPOSED	*
THOMASVILLE	K4AZA	29.680 -	L88.5	*
WENDELL	WB4IUY	29.620 -	BL	N
WILKESBORO	KC4XE	29.620 -	L	*

6 METERS

ASHEVILLE	N4OOC	53.470 -	PROPOSED	N
BARIUM SPRINGS	WA4WRS	53.670 -	PROPOSED	*
CHAPEL HILL	W4UNC	53.450 -	BT	*
CHARLOTTE	KC4YOZ	53.390 -	B	N
CLINTON	N4ZHC	53.330 -	BELP	*
EFLAND	WA1YYN	53.410 -	PROPOSED	*
FAYETTEVILLE	W4EBM	53.810 -	BP	*
GASTONIA/CROWDER	N4XTF	53.110 -	ABELR	*
#GRANDFATHER MTN	WA4PXV	53.050 -	UNCOORD.	N
HENDERSONVILLE	WA4FOT	53.130 -	BLT131.8	*
MARS HILL	WB4PLA	53.090 -	B	*
MARSHALL	KD4GEU	53.270 -	PROPOSED	N
MOUNT AIRY	KD4FWS	53.070 -	BEPT100.0	N
MT MITCHELL	KD4LBU	53.630 -	BT100.0	*
NEWPORT	K4GRW	53.010 -	PROPOSED	*
PITTSBORO	KD4JFN	53.230 -	A	*
RALEIGH	WA4PEN	53.250 -	O	N
REELSBORO	KF4IXW	53.090 -	BRT162.2	*
ROCKY MOUNT	N4JEH	53.050 -		*
ROCKY MOUNT	KC4SBJ	53.650 -	PROPOSED	N
SOPHIA/RANDLEMAN	WR4BEG	53.350 -	BL	*
#THOMASVILLE	KE4QOX	53.010 -	UNCOORD.	*
THOMASVILLE	K4AZA	53.170 -	L88.5	*
THOMASVILLE	K4AZA	52.525 +	RT88.5	*
WENDELL	WB4IUY	53.070 -	PROPOSED	N
#WEST JEFFERSON	WA4PXV	53.750 -	UNCOORD.	N
WILMINGTON	AD4DN	53.430 -	BELPT88.5	*
YOUNGSVILLE	KD4MYE	53.370 -	AET88.5	*

2 METERS

AHOSKIE	WA4ZGQ	146.910 -	BLPT131.8	*
ALBEMARLE	K4OGB	146.985 -	A	*
ANDREWS/ROBBINSV	K4AIH	147.045 -	BELPT151.4	*
ANDSN MT/DENVER	K4ZO	145.170 -	B	*
AQUADALE	WA4CHZ	147.390 +		*
ASHEBORO	KJ4AV	147.255 +	PL	N
#ASHEVILLE	WB4PLA	146.835 -	UNCOORD.	*
ASHVL/MT PISGAH	WA4BVW	146.760 -	B	*
ASHVL/SPIVEY MT	W4MOE	146.910 -	AB	*
BAKERSVILLE	KC4WPM	145.310 -	ABER	N
BANNER ELK/SUGAR	N4WET	146.625 -		N
BEULAVILLE	N4VBH	145.230 -	BP	*
BOONE/RICH MTN	WA4J	147.360 +	ABEL	*
BREVARD	KE4ZIS	147.135 +	BP	*
BROADWAY	K4ITL	147.105 +		*
BURGAW	W4DLH	146.940 -		*
BURLINGTON	K4FHB	146.670 -	AB	*
BURNSVILLE	KD4WAR	146.955 -	ABE	N
BURNSVILLE	KD4WAR	147.375 +	ABE	N
#BUTNER	WA4IZG	146.940 -	UNCOORD.	*
BUXTON	KE4EQJ	146.625 -	B131.8	*
CANTON	KC4ZZC	146.805 +		*
CARTHAGE	W2SE	147.240 +	BP	*
CHAPEL HILL	W4UNC	145.230 -	BLT131.8	*
CHARLOTTE	W4BFB	145.230 -		*
CHARLOTTE	W4BFB	145.290 -	A	*
CHARLOTTE	WA4AOS	145.350 -	L	N
CHARLOTTE	W4BFB	146.940 -	A	*
CHARLOTTE	W4CQ	147.060 -	ABE	*

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE NORTH CAROLINA REPEATERS

CHARLOTTE	W4CQ	147.270 +		*
CLAYTON	KO4XC	145.290 -	BPT	*
CLAYTON	WB4IUY	147.390 +	ABELT88.5	N
CLINTON	K4OAR	146.790 -	BEP	*
COINJOCK	WN3X	145.290 -	PROPOSED	N
COLUMBIA	KB4TOH	145.110 -	ABELT131.8	*
CONCORD/KANNAP.	K4CEB	146.655 -	PB	*
CROSSNORE	KD4GLB	146.700 -	PROPOSED	N
DUNN	N4CID	146.700 -	P	*
DURHAM	WR4AGC	145.450 -	AL	N
DURHAM	WD4LDB	147.360 +	ABE	*
ELIZABETH CITY	WA4VTX	146.655 -	A	*
FARMVILLE	K4ROK	145.270 -	ABT131.8	*
FAYVLLE/CFARS	WB4YZF	146.910 -	P100	*
FAYVLLE/FT BRAGG	W4LPL	147.330 +		*
FOREST CITY	WA4BKU	146.670 -		*
FOREST CITY	W4SIJ	147.240 +	AT123.0	*
FRANKLIN	NT4K	145.490 -		N
FRANKLIN	W4GHZ	147.240 +	T151.4	N
GASTONIA/CROWDER	K4GNC	146.805 -	ABELR	*
GASTONIA/SPCR MT	W4REW	147.120 +	P	N
#GIBSONVILLE	WB4IKY	145.490 -	UNCOORD.	*
GOLDSBORO	K4CYP	146.850 -	PT	*
GRAHAM	K4GWH	147.375 +	BT114.8	*
GREENSBORO	K4SNI	146.610 -	A	N
GREENSBORO	W4GG	147.030 +	PL	*
GREENSBORO	W4BUZ	147.210 +		N
GREENSBORO/BSUM	N4GGD	146.760 -	AE	N
GREENSBORO/LVLX	N4GGD	145.250 -	BE	N
GREENSBORO/UNCG	N4GGD	145.290 -	AE	N
GREENVILLE	WD4JPQ	145.350 -	ABELT131.8	*
#GREENVILLE	KC4UMO	147.375 +	UNCOORD.	N
GREENVL/ESTN NC	W4GDF	147.090 +		*
GRIFTON	W4NBR	146.685 -	L	*
#HARES	KU4W	145.430 -	UNCOORD.	*
HATTERAS ISLAND	KE4ZTD	145.150 -	ABELT131.8	*
#HAW RIVER	KD4JFN	145.310 -	UNCOORD.	*
HENDERSONVILLE	WB4YAO	146.640 -	ABL	*
HENDERSONVILLE	WA4KNI	147.105 +	A	*
HENDSVL/BERWLW M	WA4KNI	145.270 -	A	*
HENDSVL/PENIC/MT	WA4KNI	147.255 +	A	*
HICKORY/BRT. MT	WA4DSZ	146.850 -		N
HIGH PEAK MTN	K4OLC	145.210 -	BL	*
HIGH POINT	N4XO	145.410 -	A	*
HIGH POINT	N4NNR	146.835 +	PL	*
HIGH POINT	KF4HFS	147.165 +	BP	*
HILLSBOROUGH	WR4AGC	147.225 +	AL	*
JACKSONVILLE	KA4SQN	145.190 -	B	*
JACKSONVILLE	WD4FVO	147.000 -	ABE	*
JEFFERSON	KK4X	147.300 +	AT103.5	*
KANNAPOLIS	N4JEX	147.300 +	PROPOSED	N
KINSTON	W4OIX	145.470 -	A	*
LAURINBURG	KI4RR	146.625 -	BEP	*
LELAND	N4CTJ	145.170 -	A	N
LENOIR/HIBRITN	KN4K	147.330 +		*
LEXINGTON	WD4IIP	145.310 -	PROPOSED	N
LEXINGTON	K4IZM	146.910 -	BEP	*
LINCOLNTON	KF4OGO	147.015 +		N
#LUMBERTON	W4NHV	145.150 -	UNCOORD.	*
LUMBERTON	W4NHV	147.045 +	EL	*
LUMBERTON	KD4PBK	147.165 +	PT88.5	*
LUMBERTON	W4PET	147.360 +	BP	*
MACO	WA4LED	147.060 +	BEP	N
#MADISON	WA4IXW	147.345 +	UNCOORD.	*
MANTEO/WANCHESE	W4ACY	146.940 -	ALE	N
MEBANE	KD4GWH	147.180 +	BT156.7	*
MIDWAY	KM4AR	145.270 -	T77.0	*
MILLERS CREEK	N4GGN	146.715 -	A	*
MONROE/UCARS	N4ZVN	145.390 -	BEP	*
MORGANTON	K4VLY	147.150 +		*
MOUNT AIRY	N4VRD	145.330 -	A	*
MOUNT AIRY	AC4NZ	146.940 -	T100.0	*
MOUNT AIRY	N4XRY	146.970 -	EP	*
MT MITCHELL	WA4BVW	145.190 -	B	*
MURPHY/STALCUP	KE4EUH	146.865 +	BT151.4	*
N. WILKESBORO	N4AGN	145.370 -	P	*
NAGS HEAD/BODIE	W4PCN	146.835 -	AE	N
NEW BERN	WD4JMS	146.610 -	ALT100.0	*
NEWPORT	K4GRW	145.450 -	AB	*
NEWTON	K4ZO	147.075 +	ABET71.9	*
OXFORD	N4NCK	145.170 -	P	N
OXFORD	KC4JYP	145.370 -		*
PIKEVILLE	KK4YP	145.330 -		*
PITTSBORO	KD4JFN	147.075 +	PROPOSED	*
RALEIGH	W4ATC	145.130 -	T	N
RALEIGH	K4BWC	145.490 -	BEPT88.5	*
RALEIGH	WB4TOP	146.610 -	PROPOSED	N
RALEIGH	W4DW	146.640 -	ABE	N
RALEIGH	K4BWC	146.730 -	BEPT88.5	*
RALEIGH	KD4RAA	146.775 -	BEPRT88.5	N
RALEIGH	WB4TQD	146.880 -	L	*
RALEIGH	KD4MYE	147.015 +	BEP	*
RALEIGH	WB4TQD	147.150 +	P	*
RALEIGH	KO4CW	147.195 +	BEPT88.5	N
RALEIGH BENSON	AK4H	147.270 +	BEPT100.0	*
RANDLEMAN/GBO	WD4CVM	145.150 -	L	N
RED SPRINGS	W4MZP	147.300 +	BP	*
REIDSVILLE	KE4YVP	146.850 -	BELPT103.5	*
ROANOKE RAPIDS	KB4DJT	147.030 +	BEPR	*
ROARING GAP	WB4PZA	146.820 -		*
ROCKINGHAM	KF4FOI	146.955 -	ABE	*
ROCKY MOUNT	W4DCG	146.805 -	PROPOSED	N
ROCKY MOUNT	WN4Z	147.120 +	PE	N
ROSEBORO	K4ITL	145.390 -		*
SALISBURY	W4EXU	146.730 -	AET94.8	*
SAURATOWN MT	W4NC	145.470 -	BT100	*
SAURATOWN MT	KK4AT	146.790 -	EPRT107.2	*
SAURATOWN MT	K4MPJ	147.315 +	BPRT100.0	*
SHALLOTTE	K4PPD	145.370 -	BEP	*
SHALLOTTE	K4PPD	147.315 +	BEP	*
SHALLOTTE	K4PPD	147.390 +	BEP	*
SHELBY	W4NYR	146.880 -		*
SHELBY	W4NYR	147.345 +	P	*
SMITHFIELD	KD4JQ	146.970 -	A	*
SOUTHPORT	K4JYH	146.775 -	BP	*
SPARTA/GREEN MT	K4QFQ	145.430 -	L	*
STATESVILLE	KE4WSX	146.685 -	BEP	*
STATSVL/ASBRY MT	KO4BU	147.045 +		*
SWANSBORO	KO4S	146.760 -	A	*
THOMASVILLE	K4AZA	147.000 +	T88.5	*
TRENTON	WB4TQD	145.210 -	L	*
WADESBORO	W4USH	146.835 -	A	*
WASHINGTON	WA4TEP	147.345 +	A	*
WAXHAW	WA4ZRS	146.865 +	BEP	*
WAYNESVILLE	N4SM	147.270 +	A	*
WAYNESVILLE	KE4JMH	147.390 +	P	*
WHITEVILLE	W4NTQ	147.210 +	AE	*
WILLIAMSTON	KA4KNU	145.410 -	ABLT131.8	N
WILMINGTON	AD4DN	146.670 -	ABET88.5	*
WILMINGTON	W4VNK	146.730 -	AB	*
WILMINGTON	K4GMP	146.820 -	BLT88.5	*
WILMINGTON	KM4GN	147.135 +		*
WILMINGTON	N4CTJ	147.180 +	ABET88.5	*
WILSON	WB4THL	146.760 -	AB	*
WILSON	WA4UQC	147.300 +	ABELRT88.5	N
WINSTON-SALEM	W4NC	146.640 -	ABLT100	*
YADKINVILLE	N4YSB	147.015 -	BP	*
YOUNGSVILLE	KD4MYE	145.110 -	ABE88.5	*

220 MHZ

ANDREWS/ROBBINSV	K4AIH	224.880 -	BLT	*
ASHEVILLE	WB4PLA	224.600 -	B	*
ASHVL/MT PISGAH	WA4BVW	224.260 -	B	*
BARIUM SPRINGS	WA4WRS	224.300 -	O	*
CANTON	N4DWU	224.820 -	BP	*
CHARLOTTE	W4BFB	224.400 -	A	*
CHERRYVILLE	K4JTX	224.960 -	P	*
EDEN	WA4WGY	224.780 -	ABELRT103.5	*
EFLAND	WA1YYN	224.660 -	PROPOSED	*
FAYETTEVILLE	WB4YZF	224.560 -	L	*
GOLDSBORO	AA3CH	224.960 -	ELPT156.7	N
GREENSBORO	WR4BEG	224.140 -	K	*
GREENSBORO	WB4GUG	224.440 -	T107.2	*
GREENSBORO	AD4BX	224.820 -	AR	N
GREENSBORO	N4QVI	224.960 -	B	*
GRIFTON	WA4DAN	224.840 -	BL	*
GRIMESLAND	WB4PAC	224.360 -		*
HAW RIVER	KD4JFN	224.620 -	ART107.2	*
HENDSVL/BERWLW M	WA4KNI	224.240 -		*
HIGH POINT	KC4KUL	224.600 -		*
HILLSBOROUGH	WR4AGC	224.260 -	L	*
JACKSONVILLE	KA4SQN	224.320 -	C	*
LENOIR/HIBRITN	KN4K	224.160 -		*
LEXINGTON	KR4HJ	224.520 -	PROPOSED	N
LOCUST	WA4ZIA	224.480 -	PL	*
MARS HILL	WB4PLA	224.660 -	B	*
MARSHALL	KA4TYO	224.360 -	BT	N
MT MITCHELL	WA4BVW	224.540 -	B	*
OXFORD	N4NCK	224.740 -		N
PLYMOUTH	KB7BTU	224.760 -	PROPOSED	N
RALEIGH	WA4PEN	224.640 -	ABE	N
RALEIGH	W1IFL	224.920 -	C	N
ROCKY MOUNT	NF4C	224.220 -	BER	*
ROCKY MOUNT	KR4AA	224.580 -	B	*
SALISBURY	W4EXU	224.760 -		*
SHELBY	W4NYR	224.060 -		*
SHELBY	KC4ZTJ	224.460 -	P	*
SUNSET BEACH	N4LV	224.660 -	A	*
THOMASVILLE	KF4NI	224.340 -	ALT88.5	*
TRENTON	WA4DAN	224.720 -	B	*
WENDELL	KD4WJD	224.800 -	BPT88.5	*
WILMINGTON	KM4GN	224.200 -	RPT	*
WILMINGTON	K4YNY	224.500 -	LRT88.5	*
#WINSTON-SALEM	WA4RQF	224.580 -	UNCOORD.	*
WINSTON-SALEM	WA4RQF	224.640 -	RP	*

440 MHZ

ANDREWS/ROBBINSV	K4AIH	443.650 +	BLT	*
ANDREWS/ROBBINVL	WD4NWV	442.600 +	BT151.4	*
APEX/RALEIGH	W4DW	444.950 +	OA	N
ARCHDALE	KC4SVQ	443.300 +	AR	N
ASHEBORO	WD4ICX	442.325 +	PROPOSED	N
ASHEBORO	KQ4ML	444.975 +	O	*
#ASHEVILLE	KE4VMN	442.025 +	UNCOORD.	N
ASHEVILLE	KD4GEU	442.650 +		N
ASHEVILLE	N4DWT	444.900 +	B	*
AUBURN	N4ZCM	442.275 +		N
BAKERSVILLE	KM4GR	442.750 +	O	N
BREVARD	KA7JXU	442.850 +	B	*
BURLINGTON	WB4IKY	443.025 +	AT107.2	*
BURNSVILLE	KD4WAR	443.650 +	PROPOSED	N
CANTON	KE4UIU	443.475 +	PROPOSED	N
CARY	KD4RAA	442.675 +	BRT100.0	N
CHAPEL HILL	W4UNC	442.150 +	BT	*
CHAPEL HILL	W4UNC	443.475 +	BT131.8	*
CHARLOTTE	W4CQ	444.450 +	B	*
CHARLOTTE	W4BFB	444.600 +	AT100.0	*
CHARLOTTE	KD4IL	444.675 +		N
CHARLOTTE	W4CQ	444.850 +	B	*
CLINTON	N4ZHC	441.700 +	BEPT131.8	*
COLFAX	KS4SB	442.200 +	PROPOSED	N
COLUMBIA	KB4TOH	443.300 +	BL	*
CRAB CREEK TWP	KB4PQA	443.125 +	BLPR	*
DALLAS/CHARLOTTE	WA1WXL	444.950 +	BLT136.5	*
DALLAS/CLT	KC4YOZ	443.850 +	BLT100.0	N
DURHAM	WR4AGC	444.100 +	AL	*
EDEN	WA4WGY	443.975 +	L	*
EFLAND	WA1YYN	442.050 +	PROPOSED	N
#ELIZABETH CITY	WA4VTX	444.300 +	UNCOORD.	*
FAYETTEVILLE	WB4YZF	444.400 +	100HZ	*
FLATTOP MNT/AVL	N4OOC	444.475 +	ABL	N
FOREST CITY	KC4YOQ	444.400 +		*
G'BORO/H'POINT	WD4PQZ	443.500 +	ABLRT77.0	*
GASTONIA/CROWDER	KC4ZTI	443.750 +	ABELR	N
GASTONIA/CROWDER	KE4GTM	444.150 +	ABELR	*
GASTONIA/CROWDER	KC4YOT	444.750 +	ABELR	*
GASTONIA/SPCR MT	WB4VTE	444.550 +	P	N
GIBSONVILLE	WB4IKY	444.350 +	T107.2	*
GOLDSBORO	AA3CH	443.050 +	ELT156.7	N
GRAHAM	K4GWH	443.725 +	BT156.7	*
GRAINGERS	WD6GMQ	443.250 +		*
#GRANDFATHER MTN	WA4PXV	443.575 +	UNCOORD.	N
GRANTSBORO	KR4LO	444.350 +	B	*
GREENSBORO	WG4R	442.725 +	LR	*
GREENSBORO	KD4DNY	443.650 +		*
GREENSBORO	KD4DNY	444.475 +	B107.2	*
GREENVILLE	WB4PMQ	444.800 +	T131.8	*
#HAMLET	WA4ZIA	443.200 +	UNCOORD.	*
HATTERAS ISLAND	KE4ZTD	444.925 +	BT131.8	*
HAW RIVER	KD4JFN	443.775 +	ABERT107.2	*
HENDSVL/BERWLW M	WA4KNI	444.250 +		*
HIGH POINT	KF4HFS	443.900 +	B	*
HIGH POINT	KD4JFN	444.025 +	AT107.2	*
JACKSONVILLE	KA4SQN	444.675 +	C	*
KANNAPOLIS	N4JEX	443.250 +		N
KANNAPOLIS	N4JEX	443.350 +	PROPOSED	N
#KING/SAURATOWN	KE4QEA	444.200 +	UNCOORD.	*
KINSTON	N4HAJ	444.575 +	BTP88.5	*
LAKE GASTON	KF5TU	442.350 +	PT100.HZ	*
LENOIR/CAJAH MTN.	N4EUX	443.525 +	B	*
LEXINGTON	N4TZD	442.425 +	T	*
LEXINGTON	K4AE	442.925 +	T	*
LINCOLNTON	WA4YGD	442.350 +	AER	*
LOCUST	WA4LBT	443.700 +	PL	*
LUMBERTON	WB4DVN	444.625 +	B	N
MCLEANSVILLE	WB4GUG	444.125 +	T	*
MIDDLESEX	NE4J	444.650 +	BLT179.9	N
MONROE	N4ZVN	444.425 +	PROPOSED	*
MORGANTON	KC4QZL	443.800 +	BT	*
MOUNT AIRY	N4XRY	444.925 +		*
MT AIRY/FSH PK	KF4UY	444.825 +	ABLRT100.0	*
MT MITCHELL	N4DWU	443.600 +	B	*
NEW BERN	WD4JMS	444.900 +	BT100.0	*
#NEWPORT CCARS	KF4AAT	444.975 +	UNCOORD.	*
NEWTON	KE4KIV	442.625 +		N
NEWTON	K4ZO	444.075 +	BL	*
OXFORD	KC4WXA	444.600 +		N
PIKEVILLE	KK4YP	443.000 +	PROPOSED	*
PINEY KNOB	KC4KPW	443.875 +	BLT103.5	*
PITTSBORO	WB4MMY	442.550 +	PT	*
PITTSBORO	KD4JFN	444.750 +	ABERT107.2	*
POLKVILLE	KC4ZTJ	444.975 +	P	*
#RALEIGH	KO4CW	442.850 +	UNCOORD.	N
RALEIGH	WA4NNA	443.125 +		*
RALEIGH	N4ZCM	443.225 +	BPT	N
RALEIGH	W1IFL	443.375 +		N
RALEIGH	K4HA	443.575 +	PROPOSED	N
RALEIGH	WA4PEN	444.525 +	ABET88.5	N
RALEIGH	W4ATC	444.775 +		N
RALEIGH	KD4RAA	444.875 +	BEPRT162.2	N
REIDSVILLE	K4YEC	444.800 +	T107.2	*
RESEARCH TRI PK	KD4IHW	444.675 +		N
RICH SQUARE	KD4ITB	443.400 +	BL	*
ROANOKE RAPIDS	KK4VM	444.550 +	OA	N
ROARING GAP	KC4XE	443.550 +	L	*
ROCKY MOUNT	N4JEH	444.700 +	BP	*
ROUGEMONT/RED MT	WA4WTX	443.275 +	ABR	N
RTP	W4EUS	443.625 +	PROPOSED	N
#SALISBURY	N4MME	444.650 +	UNCOORD.	*
SANFORD	W4RNR	442.375 +	B	*
SAURATOWN MT	KR4YR	443.100 +	LT107.2	*
SAURATOWN MT	WB4GUG	443.400 +	T107.2	*
SELMA	KK4YP	444.000 +	BP	*
SOPHIA/RANDLEMAN	WR4BEG	443.075 +	BL	*
SPINDALE	KC4IEV	443.300 +	T123.0	*
STATESVILLE	N4VOZ	443.450 +	A	N
SUNSET BEACH	N4LV	442.625 +		*
TAYLORSVILLE	KF4CYI	442.950 +	ABET173.8	*
TAYLORSVL/BARR M	K4OLC	444.050 +	PROPOSED	*
THOMASVILLE	K4AZA	442.900 +	LT88.5	*
WAYNESVILLE	KE4JMH	444.450 +	BP	*
WENDELL	KD4WJD	442.400 +	BPR	*
WEST JEFFERSON	WA4PXV	442.375 +		N
WHITAKER MTN	WA4QFV	444.325 +	B	N
WILKESBORO	KE4DGP	442.475 +	ALT107.2	*
#WILLIAMSTON	KA4KNU	444.350 +	UNCOORD.	N
WILMINGTON	KM4GN	442.200 +	RPT	*
WILMINGTON	K4YNY	442.500 +	ABLRT88.5	*
WILMINGTON	AD4DN	443.400 +	BT88.5	*
WILMINGTON	KM4GN	443.950 +		*
WILMINGTON	KM4GN	444.200 +		*
WILMINGTON	KM4GN	444.450 +		*
WILMINGTON	KM4GN	444.650 +		*
WILMINGTON	K4GMP	444.850 +	B	*
WILSON	WB4IUY	442.300 +	PROPOSED	N
WILSON	NE4J	444.900 +	BLT179.9	N
WINSTON-SALEM	W4NC	444.275 +	C	*
WINSTON-SALEM	KQ4LO	444.725 +	BPT107.2	N
#WINSTON-SALEM	WA4RQF	444.775 +	UNCOORD.	*
YADKINVILLE	N4AAD	442.800 +	AT100.0	*
YOUNGSVILLE	KD2LH	443.200 +	ABLT88.5	*

1270 MHZ

GASTONIA/CROWDER	KE4GTM	292.820 -	ABELR	*
GREENSBORO	KB4SXY	291.400 -	O	*

ATV REPEATERS

CHARLOTTE	W4PPN	421.250 +	V	N
#CHARLOTTE	W4PPN	253.250 +	UNCOORD.	N
DURHAM TV HILL	KJ4SO	421.250 +	V	*
GREENSBORO	KO4AT	421.250 +	V	*
#SHELBY	W4NYR	427.250 +	UNCOORD.	*
WENDELL	WB4IUY	427.250 +	PROPOSED	N

ACCESS: www.sera.org

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

SOUTH CAROLINA

RKY RDG/WALLACE	KA4ABW	29.600 -	R	*
10 METERS				
SUMTER	KQ7E	29.660 -	BLR	N
6 METERS				
BLYTHEWOOD	N0WFL	53.010 -	PROPOSED	N
GILBERT	KC4GYM	53.270 -	BLT162.2	*
GVL/CSR'S HEAD	KO4MZ	53.410 -	BT131.8	*
LONG MOUNTAIN	KF4IWA	53.590 -	PROPOSED	N
SUMTER	W4GL	53.770 -	PROPOSED	N
2 METERS				
	KT4BU	147.075 +	T	N
???	WB3AZH	146.970 -	PROPOSED	N
ADAMS RUN (CHAS)	KD4TXX	147.345 +	BL	N
AIKEN	KY4S	145.170 -	A	N
AIKEN	N4ADM	147.285 +	P	*
ANDERSON	N4AW	146.970 -	BP	*
ANDERSON/SAS MT	N4AW	146.790 -	B	*
BAMBERG	WA4DFP	145.330 -		N
BARNWELL	KF4CVO	147.030 +	BT156.7	*
BEAUFORT	KD4KOJ	145.310 -		*
BEAUFORT	KD4KOJ	146.655 -	AB	*
#CANADYS	WB4FOH	145.390 -	UNCOORD.	N
CHARLESTON	WA4USN	145.250 -	AL	*
CHARLESTON	WA4USN	146.790 -	AL	*
CHARLESTON	KT4YW	146.835 -	ABL	*
CHARLESTON AREA	KF4ADK	147.345 +	B	N
CHESTER	N4ROS	145.310 -	PROPOSED	N
CHESTER	AC4IP	146.625 -	KPRT	N
CHESTERFIELD	KF4GPE	147.135 +	AE	*
CLEMSON UNIVERSI	KD4KAO	145.450 -	PROPOSED	*
COLUMBIA	N0YVN	145.190 -	PROPOSED	N
COLUMBIA	KC4GYM	145.270 -	BPT127.3	*
COLUMBIA	KF4GHC	147.330 +	BLPT156.7	*
DILLON/PEE DEE	NN4N	146.745 -		*
ELLOREE	KC4WIF	146.610 -	ABT118.8	N
FLORENCE	W4ULH	146.850 -	A	*
FLORENCE	W4GEY	146.970 -	A	*
FORT JACKSON	KF4GHC	146.775 -	BLPT156.7	*
FORT MILL	WB4TWX	145.110 -	PROPOSED	*
#FORT MILL	W4DXA	147.180 +	UNCOORD.	*
GAFFNEY	KN4RG	145.470 -	B	*
GEORGETOWN	KI4CB	147.375 +	BL	*
GILBERT	KF4GHC	145.430 -	BLPT156.7	*
GREENVILLE	W4IQQ	146.940 -	T7	*
GREENVILLE	K4LEO	147.375 +	T	N
GREENWOOD	KE4ZIU	147.165 +	BP107.2	*
GRNVLE/CSRS HD	W4NYK	146.610 -		*
GRNVLE/PARIS MT	W4NYK	146.820 -	P	*
HILTON HEAD	W4ILN	147.240 +		*
INMAN	WD8OXE	145.150 -	P	N
LANCASTER	W4PAX	146.700 -	P	*
LANCASTER	AC4VT	147.240 +	AT114.8	N
LAURENS	KD4HLH	146.865 -	T107.2	*
LEESVILLE	W4RRC	147.255 +	ABT123.0	*
LEXINGTON	KE4VD	145.210 -	PR	N
LEXINGTON	KA4FEC	147.390 +	B	*
LUCKNOW/BISHOPVL.	KA4ABW	146.925 -	ABL	*
MARION	W4YLT	147.000 -	E	N
MONCKS CORNER	WD4NUN	147.150 +	BETY	*
MT PLEASANT	K4ESG	146.760 -	BPT	N
MYB BCH/BRKSVIL	N4LV	147.285 +		*
MYR BCH/CONWAY	W4GS	145.110 -	AB	*
MYR BCH/CONWAY	KI4CB	145.470 -	BLT179.9	*
MYRTLE BEACH	W4GS	147.120 +	A	*
N. AUGUSTA	K4NAB	146.730 -	B	*
N. MYRTLE BEACH	KF4APS	147.030 +	B	*
N. SPARTANBURG	N4UZT	147.315 +	ABET141.3	*
NEWBERRY	KB4CO	146.685 -		N
ORANGEBURG	WM3O	146.805 -	ABLT123.0	*
#ORANGEBURG	WB4FOH	146.880 -	UNCOORD.	N
ORANGEBURG	KF4ATU	147.090 +	T156.7	*
PAGELAND/HIPOINT	KA4ABW	146.895 -	ABLR	*
PICKENS	KF4FOF	146.700 -		N
PICKENS	WB4YXZ	147.000 -		*
RKY RDG/WALLACE	KA4ABW	145.490 -	A	*
ROCK HILL	K4YTZ	147.030 -	BEP	*
SANTEE	W4DTW	147.225 +	B	*
SENECA/LONG MT	WA4JRJ	147.270 +	BEP	*
SIMPSONVILLE	WD4BJY	146.730 -		*
SPARTANBURG	K4JLA	147.090 +	A	*
ST. MATTHEWS	AD4U	146.670 -	ABT156.7	*
SUMMERVILLE	WA4HNK	147.180 +		*
SUMTER	K4JR	145.130 -		*
SUMTER	W4GL	146.640 -		N
SUMTER	W4GL	147.015 +	BPT156.7	N
UNION	KD4YFB	145.250 -	BEP	*
WHITE HALL	W4BWZ	146.910 -	B	*
#WHITE OAK MTN	WD4MGM	147.285 +	UNCOORD.	*
220 MHZ				
CHARLESTON	KA4NRL	224.180 -	BP	N
COLUMBIA	KC4GYM	224.560 -	PROPOSED	*
COLUMBIA	KC4SWI	224.640 -	BP	N
CROSS	KB4VFD	224.580 -	O	N
FLORENCE	N4JJ	224.940 -	BP	N
GREENVILLE	W4ILY	224.200 -	A	*
GRNVL/DOWNTOWN	W4NYK	224.920 -	88.5	*
LITTLE MTN	K4RWN	224.520 -	PB	N
ORANGEBURG	KO4BR	224.780 -	OBP	N
PICKENS	WB4QHF	224.400 -	BP	N
PICKENS/CSRS HD.	WB4QHF	224.140 -	LR	N
PICKENS/SASFR MT	KJ4X	224.320 -	B	*
SUMTER	W4GL	224.120 -		N
SUMTER	K4GYR	224.860 -		N
WEST SPRINGS	KN4CW	224.440 -	BP	N
440 MHZ				
AIKEN	AC4WW	443.400 +	BT107.2	*
BLYTHEWOOD	N0YNV	444.000 +	PROPOSED	N
CHARLESTON	N4MNH	444.300 +	AB	*
CLEMSON UNIV.	KD4KAO	444.625 +	BLPT156.7	*
COLUMBIA	KC4GYM	442.075 +	BT156.7	*
COLUMBIA	KF4GHC	444.200 +	BLPT156.7	*
COWPENS	KE4EAN	443.625 +	ABT136.5	*
EASLEY/SAS MTN.	AC4RZ	444.925 +	BPT103.5	N
FORT MILL	WB4TWX	443.475 +	AB	*
GAFFNEY	KN4RG	444.800 +		*
GREENVILLE	KB4PQA	442.250 +	BRP	*
GREENWOOD	KE4ZIU	443.900 +	BPT107.2	*
GRNVLE/PARIS MT	ND4N	443.350 +	P	*
LANCASTER	KC4AC	444.100 +	A	*
LAURENS	KD4HLH	443.175 +	BT146.2	*
LAURENS	KF4Y	443.775 +	BT141.3	*
MOUNTAIN REST	AE4PZ	442.775 +	BT162.2	*
MYB BCH/BRKSVIL	N4LV	444.525 +		*
MYR BCH/CONWAY	W4GS	444.675 +	AB	*
MYRTLE BEACH	W4GS	444.575 +	AT85.4	*
NORTH CHARLESTON	KT4YW	444.600 +	AB	*
ORANGEBURG	WM3O	444.975 +	AB	N
PICKENS/CSRS HD.	WB4QHF	442.400 +	T127.3	N
#RKY RDG/WALLACE	KA4ABW	447.050 -	UNCOORD.	*
SIMPSONVILLE	KJ4BF	442.725 +	PROPOSED	*
SUMMERVILLE	KE2D	442.300 +	BRT	*
SUMMERVILLE	WA4HNK	443.800 +		*
SUMTER	W4GL	444.150 +	BEPRT123.0	N
SUMTER	K4GYR	444.500 +	P	N
1270 MHZ				
BLYTHEWOOD	N0WFL	292.000 -	PROPOSED	N
ATV REPEATERS				
GOOSE CREEK	N4CNN	421.250 +	PROPOSED	N
LEXINGTON	N4GUP	421.250 +	V	N

TENNESSEE

GREENEVILLE	WB4NKM	222.058 -	BEACON	*
10 METERS				
#GALLATIN	W4CAT	29.640 -	UNCOORD.	*
GALLATIN/BNA	W4CAT	29.640 -	PROPOSED	*
GREENEVILLE	WB4NKM	29.640 -		*
MEMPHIS	W4ZJM	29.620 -	BLT*#	*
6 METERS				
COOKEVILLE	WA4UCE	53.190 -	O	*
GALLITAN	WA4BGK	53.050 -	LRT114.8	*
GREENEVILLE	WB4NKM	53.010 -		*
KNOXVILLE	N4OQJ	53.550 -	OT	*
KNXVL/ENG MT	WB4IOB	53.150 -	A	*
MCNAIRY	NU5O	53.350 -	BLT107.2	*
MORRISTOWN	KQ4E	53.230 -		*
NASHVILLE	WA4BGK	53.010 -	T114.8	*
NASHVILLE	N4ARK	145.210 -	BR	*
ROAN MTN	KD4SQB	53.310 -	B	*
ROGERSVILLE	KT4PL	53.750 -	PROPOSED	N
2 METERS				
ANDERSON CTY	KF4BVQ	146.700 -	ABT	N
ARNOLD A.F.B.	KC4FV	147.195 +	PROPOSED	*
ATHENS	WA4PNI	145.310 -	BT141.3	*
ATOKA	KC4SBK	147.330 +	BP	*
BENTON	K4SIR	145.450 -	T	N
BLOUNTVILLE	WA4CBX	147.000 +	B	*
BRISTOL	W4UD	146.670 -	BP	*
BRISTOL/HLSTN MT	K4JP	146.760 -	A	N
BROWNSVILLE	KD4AOK	146.655 -	AB	*
BRUCETON	NU5O	145.170 -	BLT107.2	*
BUCKSNORT	NU5O	145.430 -	BLT107.2	*
CARLISLE	KT4WS	145.250 -	ABE	N
CARTHAGE	N4OTT	145.190 -		*
CHATTANOOGA	K4CMY	145.130 -		*
CHATTANOOGA	W4AM	145.290 -		*
CHATTANOOGA	W4AM	145.390 -	A	*
CHATTANOOGA	W4AM	146.610 -		*
CHATTANOOGA	W4AM	146.790 -	A	*
CLARKSVILLE	WD4SGA	147.000 +		N
#CLARKSVILLE	AA4TA	147.390 +	UNCOORD.	N
CLEVELAND	W4GZX	146.925 -	AB	*
CLEVELAND	KD4NEB	147.105 +	ABLT88.5	*
CLEVELAND	WD4DES	147.180 +	T118.8	*
COLLEGEDALE	KA6UHV	147.000 +	BP	*
COLUMBIA	KF4ADU	147.120 +	AB	*
COOKEVILLE	NQ4Y	145.110 -	ABL	N
COOKEVILLE	WA4UCE	145.430 -	AB	*
COOKEVILLE	N4WS	147.210 +	AER	*
CROSSVILLE	AC4AA	146.865 -	AB	*
CUMBERLAND CITY	WD4DBJ	145.330 -	BPRT	*
DANDRIDGE	WD4EGD	146.895 -	EBPRT	N
DAYTON	K4PHT	147.345 +	B	N
DAYTON/RHEA CTY	K4DPD	147.390 +	B	*
#DECATUR-PONE KB	W4RJC	145.150 -	UNCOORD.	N
DICKSON	KN4HL	147.375 +	BP	*
DOVER	N4VIH	145.410 -		*
DRESDEN	KE4OVN	145.350 -	BL107.2	N
ERWIN/PINNACLE	N4WXS	145.250 -	ABERT	N
ERWIN/UNICOI	KF4BRS	147.165 +	ABE	*
EVA	AD4QG	145.190 -	BR	N
FAYETTEVILLE	KA4WOG	147.030 +	BP	*
FRANKLIN	W4XS	145.150 -		*
FRUITLAND	NU5O	146.775 -	BLT107.2	*
GALLATIN	N4SSB	145.130 -	T107.2	N
GALLATIN	WD4BKY	147.240 +	BLT114.8	*
GALLATIN	WA4YQC	147.270 +	BLPT114.8	*
GALLATIN	W4CAT	147.300 +	ABT114.8	*
GRAY	WD4SBX	145.110 -	T103.5	N
GREENBRIER	WQ4E	147.075 +	BT107.2	N
GREENEVILLE	W4CUJ	145.390 -	B	N
GREENEVILLE	WB4NKM	145.410 -		*
GRNVLE/VIKING MT	KB4UG	147.060 +	R	N
GTLBG/COVE MTN	WA4KJH	146.850 -	LT127.3	*
HARRIMAN	KA4QYI	146.640 -	T100.0	*
HENDERSON	K4TC	147.105 +	BET	*
HENDERSONVILLE	WB4WZK	145.270 -	PT	*
HOBBS HILL	NQ4Y	145.410 -	T114.8	N
HUNTINGDON	KB4YTM	146.835 -	ABE	*
JACKSON	KE4CES	145.230 -	A79.7	*
JACKSON	KF4SC	145.310 -	A	*
JACKSON	W4WKZ	147.210 +	A	*
JACKSON	WB0TMC	147.270 +		N
JAMESTOWN	K4NLP	147.090 +	BT100.0	*
JASPER	KD4XX	145.190 -	AT127.3	*
JOHNSON CITY	W4ABR	146.790 -	BP	*
JOHNSON CITY	KE4FH	147.270 +	A	N
JOHNSON CITY/HOL	WB4SQC	145.290 -	B	*
JONESBOROUGH	WD4OBW	146.925 -	L	*
KNGSPT/BAYS MT	W4TRC	146.970 -	BEP	*
KNOXVILLE	WB4GBI	145.170 -		*
KNOXVILLE	WA4TEM	145.330 -	ABER	*
KNOXVILLE	KB4KIE	145.370 -	B	N
KNOXVILLE	WB4YLC	145.430 -		*
KNOXVILLE	WB4GBI	145.470 -		*
KNOXVILLE	WB4GBI	146.625 -	BT100.0	*
KNOXVILLE	KC4ROG	146.910 -	ABT	N
KNOXVILLE	WB4GBI	146.940 -		*
#KNOXVILLE	KD4CWB	147.000 -	UNCOORD.	N
KNOXVILLE	WB4GBI	147.075 +	A	*
KNOXVILLE	KD4CWB	147.195 +	PROPOSED	N
KNOXVILLE/RACK	W4BBB	145.210 -	ABET100.0	*
KNOXVILLE/RACK	W4BBB	147.300 +	BLRT100.0	*
KNXVL/ENG MT	WB4IOB	146.730 -		*
LAFAYETTE	KC4ECD	145.310 -	ET151.4	*
LAFOLLETTE/WMT	K4BGW	146.670 -		*
LAWRENCEBURG	KM4ME	146.655 -	T	*
LEBANON	WB4DOR	145.390 -		N
LEBANON	W4LYR	147.105 +	ELPT100.0	*
LEBANON	W4PFP	147.330 +	PROPOSED	N
#LEWISBURG	WB4VXX	146.805 -	UNCOORD.	*
LIVINGSTON	AD4QX	147.045 +	ABE	N
MANCHESTER	W4UOT	146.700 -	AT114.8	*
MARTIN	N4ABU	146.625 -	A	N
MARYVILLE/ALCOA	W4OLB	146.655 -	ABE	*
MAYNARDVILLE	KB4KIE	145.230 -	B	N
MCMINNVILLE	WD4MWQ	146.970 -	P	*
MCMINVL/SHT MT	WB4LHO	145.490 -		N
MCNAIRY	NU5O	147.075 +	BLT107.2	*
MEMPHIS	NU5O	145.130 -	BLT107.2	*
MEMPHIS	W2GLJ	145.210 -	A	N
MEMPHIS	K5FE	145.410 -	PT107.2	N
MEMPHIS	KE4LFZ	146.730 -	T107.2	*
MEMPHIS	WA4HBY	146.790 -	BPT	*
MEMPHIS	W4BS	146.820 -	PT	*
MEMPHIS	WA4ETE	146.880 -	AL	*
MEMPHIS	N4BSM	146.940 -	BLP	N
MEMPHIS	W4ZJM	147.000 -	BLT*#	*
MEMPHIS	W4EM	147.030 +		N
MEMPHIS	N4WAH	147.120 +	BPT107.2	N
MEMPHIS	WA4ADT	147.300 +	PL	N
MEMPHIS	W4BS	147.360 +	T107.2	*
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	*
MORRISTOWN	KQ4E	145.450 -	B	*
MORRISTOWN	KQ4E	147.030 +	E	*
#MORRISTOWN	KQ4E	147.390 +	UNCOORD.	*
MOUNTAIN CITY	KF4RBR	145.470 -	AB	N
#MT PLEASANT	KF4GHD	145.450 -	UNCOORD.	*
MURFREESBORO	WB4LHO	145.170 -		N
#MURFREESBORO	N4ARK	147.315 +	UNCOORD.	*
NASHVILLE	N4ARK	145.210 -	BR	*
NASHVILLE	N4ARK	52.525 +	BLR	*
NASHVILLE	WR3S	145.370 -	A	*
NASHVILLE	N4ARK	145.470 -	BP	*
NASHVILLE	WA4PCD	146.610 -	BLPT	*
NASHVILLE	WA4PCD	146.760 -	BLT114.8	*
NASHVILLE	W4SQE	146.790 -	T	*
NASHVILLE	W4AY	146.850 -	PT114.8	*
NASHVILLE	WA4PCD	146.880 -	BEPRT	*
NASHVILLE	NT4L	146.955 -	T114.8	N
NASHVILLE	KC4PRD	146.985 -		N
NASHVILLE	KJ4ZQ	147.015 +	T	N
NASHVILLE	K4ZGA	147.180 +	AT114.8	*
NASHVILLE	N4PYI	147.255 +	TP110.9	*
NASHVILLE	WB4NTM	147.360 +	ATL	N
NASHVILLE W	WB4NTM	146.640 -	AT	N
NASHVILLE W	WB4NTM	146.670 -	ATL	N
NASHVILLE WEST	WA4PCD	147.150 +	LT114.8	N
NASHVLE/FAIRVIEW	N4ARK	145.110 -	B	*
NOLENSVILLE	WD4JYD	145.350 -	BEP	*
OAK RIDGE	W4SKH	146.880 -	B	*
OAK RIDGE	W4SKH	146.970 -	A	*
OAK RIDGE	K4EAJ	147.120 +	T82.5	*
OAK RIDGE	K4EAJ	147.150 +	LT82.5	*
OAKFIELD	WA4BJY	147.390 +	PRT	N
PARIS	K4KLX	147.360 +	A	N
PETROS/FRZ HD MT	KJ4SI	147.255 +	BERPT94.8	*
#PIGEON FORGE	KD4CLA	145.270 -	UNCOORD.	*
PIKEVILLE	K4PUX	147.285 +		*
PULASKI/MUSIC MT	KF4KVF	146.775 -		*
PURYEAR	WA4CEX	147.165 +		N
RAMER	WB4MMI	146.700 -	ABT107.2	N
ROCKWOD/MT ROOS.	AA4KS	147.015 +	ABER	*
ROGERSVILLE	KD4HZN	147.315 +	ET114.8	N
SALTILLO	KB4JUB	146.715 -		*
SELMER	KB6BUL	146.805 -	BT	N
SHELBYVILLE	N4VFB	147.060 +	A	N
#SPARTA/WHITE	KR4BT	147.165 +	UNCOORD.	*
SPOT	NU5O	147.285 +	PROPOSED	*
TRENTON	KN4KP	146.865 -	AE	N
UNION CITY	NU5O	147.015 +	BLT107.2	*
WATERTOWN	WA4KPA	146.730 -	T100.0	*
WATERTOWN	W4LYR	146.835 -	LPT100.0	*
WINCHESTER	AB4SW	146.820 -	A	*
220 MHZ				
BLOUNTVILLE	WA4CBX	224.200 -		*
CHATTANOOGA	K4VCM	224.780 -		*
ERWIN	KB8FPK	224.180 -	PROPOSED	N
GALLATIN	W4CAT	223.980 -	AB	*
GALLITAN	KD4GON	224.700 -	PROPOSED	N
GRAY	WD4SBX	224.900 -	T103.5	N
GREENBRIAR	WQ4E	224.800 -	AB	N
GREENBRIER	WQ4E	224.760 -		N
GREENEVILLE	WB4NKM	224.940 -	ABR	*
HERMITAGE	WB4SJV	223.900 -		N
JC/BUFFALO MT	KE4FH	224.780 -		N
KNOXVILLE	WB4GBI	224.340 -	PROPOSED	*
KNOXVILLE	N4OQJ	224.380 -	T100.0	*
KNOXVILLE	N4KFI	224.580 -	BT103.5	N

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE TENNESSEE REPEATERS

KNOXVILLE/RACK	W4BBB	224.500 -	BLRT100.0	*
KNXVL/CROSS MT	KB4FZK	224.220 -	BT100.0	*
LAVERGNE	WR3S	224.360 -	AR	*
MEMPHIS	W4ZJM	223.940 -	BLT*#	*
MEMPHIS	W4BS	224.420 -	O	*
MOORESBRG/SNEED	KD4IBW	224.760 -	C	*
NASHVILLE	WB4NTM	224.080 -		N
NASHVILLE	WR3S	224.160 -	ABRL	N
#NASHVILLE	KC4TFQ	224.440 -	UNCOORD.	N
NASHVILLE	K4ZGA	224.480 -	A	*
NASHVILLE	WR3S	224.660 -	ALR	N
NASHVILLE	N4PYI	224.740 -	ALRT100.0	*
NASHVILLE	KC4PRD	224.840 -		N
NASHVILLE	WA4PCD	224.940 -	T	*
NEWPORT	AC4JF	224.560 -	PROPOSED	*
ONEIDA	KB4PNG	224.140 -	ABER	N
#ROGERSVILLE	KD4HZN	224.480 -	UNCOORD.	N
SEVIERVILLE	N2FUV	224.440 -	PT	N
SEVIERVILLE	KD4IBW	224.700 -	BLRT100.0	*
SEVIERVILLE	KD4IBW	224.800 -	BLR	*
SHORT MTN	N4PYI	224.260 -	LRT114.8	*
SPRINGFIELD	KO4BN	224.220 -	ABER	N

440 MHZ

ARNOLD A.F.B.	KC4FV	443.950 +	B	*
ATOKA	KE4ZBI	442.700 +		*
BARTLETT	WA4DOR	443.700 +	T107.2	*
BRISTOL/HLST MT	K4JP	444.500 +	A	N
CHATT/MONTLAKE M	KD4UWA	444.875 +	BPT136.5	N
CHATTANOOGA	WJ9J	442.150 +	ABELR	*
CHATTANOOGA	KD4HII	443.900 +	BPT	*
CHATTANOOGA	W4AM	444.100 +	A	*
CLARKSVILLE	WA4BZU	444.325 +	OT107.2	*
CLARKSVILLE	KF4GP	444.950 +	ABT167.9	N
CLEVELAND	WD4DES	442.250 +	T118.8	*
CLEVELAND	KD4NEB	442.450 +	ABLT88.5	*
CLEVELAND	W4GZX	444.275 +	AB	*
COLLEGEDALE	KA6UHV	443.575 +	BP	*
COLLIERVILLE	KA7UEC	443.625 +	RT107.2	N
COLUMBIA	WA4AKM	444.925 +	T107.2	*
COOKEVILLE	NQ4Y	444.550 +	ALT107.2	N
CROSSVILLE	WB8EYJ	444.950 +	BLRT107.2	*
CUMBERLAND CITY	WD4DBJ	443.400 +	BPT	*
DAYTON	KN4VY	442.075 +	BEPR	*
DEASON	WA4AWI	443.350 +	LT107.2	*
DOVER	N4VIH	444.925 +		*
DRESDEN	KE4OVN	443.850 +	BL	N
EVA	AD4QG	443.625 +	BL	N
FRANKLIN	WA4AKM	444.725 +	LT107.2	*
GALLATIN	N4SSB	442.600 +	BLT107.2	N
GALLATIN	WD4BKY	444.000 +	BLT107.2	*
GALLATIN	WD4BKY	444.350 +	LPT114.8	*
GALLATIN	W4CAT	444.450 +	ABT107.2	*
GALLATIN	WA4AKM	444.775 +	LT107.2	*
GATLBG/COVE MT	WA4KJH	443.300 +	LT127.3	*
GRAY	WD4SBX	442.200 +	T100.0	N
GREENBRIER	WQ4E	444.250 +		N
GREENEVILLE	WB4NKM	444.650 +	T100.0	*
GRNVLE/VIKING MT	KB4UG	443.200 +	PR	N
HARRIMAN	KC4WHL	442.875 +	AT136.5	*
HARRIMAN	KC4WHL	444.025 +	LR	*
HENDERSON	KE4PFW	442.275 +		N
HENDERSON	K4TC	444.750 +	T	*
HUNTINGDON	KB4YTM	444.375 +	ABE	N
JACKSON	WB0TMC	444.725 +	T107.2	N
JAMESTOWN	KC4MJN	443.625 +	T100.0	*
JASPER	KD4XV	442.050 +		*
JEFFERSON CITY	KD4TUD	444.625 +	EPT	N
JOHNSON CITY	KE4FH	444.100 +		N
JOHNSON CITY/HOL	WB4SQC	442.050 +	BET	*
KNOXVILL/ENG MTN	WB4HAP	444.600 +		*
KNOXVILLE	WB4HAP	442.500 +	T103.5	*
#KNOXVILLE	N4UAG	443.025 +	UNCOORD.	*
KNOXVILLE	KA4AZQ	443.075 +	PROPOSED	N
KNOXVILLE	KD4CWB	443.500 +	ABLT	N
KNOXVILLE	KA4AZQ	443.800 +	OT100.0	N
KNOXVILLE	KD4CWB	444.000 +	PROPOSED	N
KNOXVILLE	KC4NNN	444.175 +	ABT	N
KNOXVILLE	WB4GBI	444.300 +		*
KNOXVILLE	KC4NNN	444.425 +	ABT	N
KNOXVILLE	KB4KSL	444.500 +	AO	*
KNOXVILLE	KD4IBW	444.525 +	BT100.0	*
KNOXVILLE/RACK	W4BBB	444.575 +	BLRT100.0	*
LAFAYETTE	KC4ECD	444.125 +	RT107.2	*
LAFOLLETTE	KB4OTK	443.700 +	B	N
LAKE CITY	WD4LUR	442.800 +	B	*
LAVERGNE	WR3S	443.975 +	PROPOSED	N
LEBANON	WA4AWI	443.275 +	BLT107.2	*
LEBANON	W4LYR	443.575 +	T100.0	*
LEBANON	WA4AXH	444.275 +	T	*
MARYVILLE	KF4BTL	442.000 +	PROPOSED	N
MARYVILLE	KC4PDQ	444.075 +	ABER	*
MCEWEN	KE4KNZ	443.925 +	BPT	*
MCKENZIE	KD4KPV	443.875 +	A	*
MCMINNVILLE	WD4MWQ	444.850 +	PT	*
MCNAIRY	NU5O	444.550 +	BLT107.2	*
MEMPHIS	W4ZJM	443.000 +	BT*#	*
MEMPHIS	KA4JXT	443.100 +	T107.2	*
MEMPHIS	W4BS	443.200 +	T107.2	*
MEMPHIS	N4ER	443.950 +	BPRT	N
MEMPHIS	WA4ETE	444.000 +	T107.2	*
MEMPHIS	KA4JXT	444.100 +	RPT	*
MEMPHIS	KA4JXT	444.125 +	BT	*
MEMPHIS	W2GLJ	444.175 +		N
MEMPHIS	N4WAH	444.500 +	BPT	N
MEMPHIS	K7AG	444.850 +	BT107.2	N
MILAN	WD4PAX	442.100 +		*
MORRISTOWN	KQ4E	444.975 +	T	*
MT JULIET	N4PYI	444.400 +	BPT	*
MT JULIET	N4PYI	444.750 +	PROPOSED	*
#NASHVILLE	WB4PUB	443.050 +	UNCOORD.	N
NASHVILLE	N4PYI	444.050 +	T107.2	*
NASHVILLE	WB4NTM	444.150 +	ATL	N
NASHVILLE	N4ARK	444.200 +	BET	*
NASHVILLE	N4ARK	444.225 +	BLT107.2	*
NASHVILLE	WA4BZU	444.300 +	T107.2	*
NASHVILLE	WA4BGK	444.525 +	T107.2	*
#NASHVILLE	WA4PCD	444.550 +	UNCOORD.	*
NASHVILLE	WA4WCK	444.575 +	T	*
NASHVILLE	N4TK	444.625 +	PT107.2	*
NASHVILLE	WA4PCD	444.675 +	LPRT	*
NASHVILLE	N4PYI	444.800 +	LT110.9	*
NASHVILLE	WA4AKM	444.875 +	T107.2	*
NASHVILLE	WA4AKM	444.975 +	LRPT107.2	*
NEW DEAL	N4SSB	442.900 +	BT107.2	N
NOLENSVILLE	WA4AXH	443.650 +	PROPOSED	*
OAK RIDGE	K4EAJ	444.400 +	LT82.5	*
OAKFIELD	WA4BJY	442.200 +	PTL	N
ONEIDA	KT4PN	442.825 +	BEPR	*
PARIS	AD4LR	443.675 +	A	N
PIGEON FORGE	KD4CLA	444.350 +	RLT156.7	*
PINSON	KD4GCT	442.900 +	B	N
PROSPECT	WA4AUX	444.600 +	T118.8	N
RAMER	WB4MMI	444.900 +	BT	N
ROCKWOOD	KA4WJS	443.975 +		N
ROCKWOOD/OZONE	WJ9J	442.225 +	ELPR	*
ROGERSVILLE	KT4PL	443.350 +	T	N
SEVIERVILLE	KD4IBW	443.675 +	BLRT100.0	*
SEVIERVILLE	N4CKB	444.725 +	PROPOSED	N
SHELBYVILLE	WA4PZN	442.700 +	BLPT	N
SHELBYVILLE	KC4KRM	443.825 +		N
SHORT MT/MURFREE	W4CAT	444.650 +	T107.2	*
SMITHVILLE	N4PYI	444.825 +	T107.2	*
SODDY DAISY	KD4HII	444.200 +	PROPOSED	*
SODDY DAISY	WJ9J	444.450 +	ABELRP	*
SPENCER	KA4MHJ	443.775 +	ABET	*
SUMMITVILLE	N4ZKR	444.475 +	PROPOSED	*
WATERTOWN	W4LYR	444.900 +	PT100.0	*

920 MHZ

MORRISTOWN	KQ4E	920.800 -	BP	*

1270 MHZ

MEMPHIS	N4HKS	292.000 -	B	*
NASHVILLE	WA4AKM	284.400 -	LR	*
SMITHVILLE	WA4AKM	286.500 -	ABL	*

ATV REPEATERS

BARTLETT	N4WAH	421.250 +	PROPOSED	N
JOHNSON CITY/BUF	KD4JGV	421.250 +	BV	*
KNOXVILLE	WA4CDM	253.250 -	V	N
KNOXVILLE	WA4CDM	421.250 +	V	N
NASHVILLE	KJ4ZQ	421.250 +	V	N
NASHVILLE	K4ZGA	923.250 -	OLV	*

VIRGINIA

(Listing updates for some repeaters courtesy of T-MARC)

BEDFORD/APL ORCH	WA1ZMS	411.600 +	PROPOSED	*
HIGH KNOB	WD4GSM	144.054 -		*
HIGH KNOB	WD4GSM	296.075 -		*
HIGH KNOB	WD4GSM	222.055 -		*
HIGH KNOB	WD4GSM	432.075 -		*

10 METERS

BLUEFIELD/ONEIDA	WZ8E	29.680 -	PROPOSED	*
NEWPORT NEWS	WB4CTF	29.600 +	R	N
STERLING PARK	KD4DN	29.680 -	LT146.2	

6 METERS

#BULL RUN MTN	KA4DCS	433.125 -	R-B N.C.	
#FAIRFAX	KA4DCS	52.480 +	o N.C.	
#HAYMARKET	WD4KHP	52.820 -	o(ca)exl N.	
ALEXANDRIA	WA4CCF	224.820 -	A	
ALEXANDRIA	WA4CCF	53.130 -	L	
AMELIA	WB3R	53.390 -		N
AMELIA COURTHSE	KB4YKV	53.110 -	P	N
ARLINGTON	WB4MJF	224.060 -	L	
BEDFORD/THAX MT	N4CH	53.150 -		*
BULL RUN MTN	WB4DRI	53.230 -		
BULL RUN MTN	WD8ISK	53.450 -	A	
CHESTERFIELD	KD4SUU	53.430 -	PROPOSED	N
DANVILLE(DCC)	WB4GJG	53.130 -	T	N
GATE CITY	N4WWB	53.210 -	ABL	*
GUM SPRING	KB4MIC	53.070 -		*
HAMPTON	WA4OHX	53.890 -	B	*
LEWISBURG	KB8OUU	53.330 -	PROPOSED	N
LEXNGTN/ROCK MT.	KI4ZR	53.010 -	L	*
LYNCHBURG	KE4KEH	53.570 -		N
PEARISBURG	KE4JYN	53.470 -	T107.2	*
RICE	KE4SFU	53.170 -	PROPOSED	N
ROANOKE	N4CH	53.250 -	L	*
ROANOKE/POOR MT	WB8BON	53.090 -	L	*
TYSONS CORNER	KM4OI	53.370 -		
WHITE TOP MTN.	KB4YFV	53.650 -	B	*
WINCHESTER	KD4JBY	53.670 -	A#911ELtzT136	

2 METERS

#FAIRFAX	WA4YVM	145.170 -	SNP N.C.	
#FALLS CHURCH	KM4DN	145.170 -	SNP N.C.	
#KING GEORGE	KB4OB	145.270 -	o(ca)	
#QUANTICO	KE4ZN	146.940 -	c PL Not Coo	
ABINGDN/BRMLY MT	K4JP	146.610 -	L	N
ABINGDON	NM4L	147.345 +	ABL	*
ACCOMAC	K4BW	147.255 +	BET156.7	*
ALEXANDRIA	WA9GVK	443.750 -	L TV Audio	
ALEXANDRIA	WD4PDP	146.655 -	AER	
ALEXANDRIA	W4HFH	444.600 -	L	
ALEXANDRIA	W4HFH	147.315 +	L	
ALTAVISTA	WA4ISI	146.655 -	BEP	*
AMELIA	WB3R	145.190 -	PROPOSED	N
AMELIA COURTHSE	KB4YKV	147.180 +	P	N
ARLINGTON	WB4MJF	145.150 -	T	
ARLINGTON	WB4MJF	145.470 -		
ARLINGTON	N9EBJ	146.625 -	AEZ	
ARLINGTON	WA4YVM	147.045 +	E	
BEAVERDAM	N4CZJ	145.250 -	BP	N
BEDFORD	N4CH	145.230 -		*
BEDFORD	WB4JBJ	147.105 +	L	N
BEDFORD/APL ORCH	WA1ZMS	146.685 -	BT100.0	*
BLACKSBURG	AB9I	146.715 -		N
BLAND	N4AZJ	145.350 -	PRT103.5	*
BLUEFIELD	KD8XK	145.250 -	T100.0	*
BLUEFIELD	W8MOP	145.490 -	BP	*
BLUEFIELD/ONEIDA	WZ8E	146.955 -	PL	*
BLUEMONT	WA4TSC	147.300 +	ART146.2	
BOYDTON	KD4ZTK	147.240 +		N
BRISTOL	WD4CYZ	146.880 -		N
CHARLOTTESVILLE	WA4TFZ	146.760 -	BET88.5	*
#CHARLOTTESVILLE	N4RAG	146.895 -	UNCOORD.	N
CHARLOTTESVILLE	WA4TFZ	146.925 -	B	*
CHESAPEAKE	WA4YSE	146.610 -	ABE	N
CHESAPEAKE	N4SD	146.790 -	ABE	*
CHESTERFIELD	KD4KWP	145.310 -	BC	*
CHESTERFIELD	KA4CBB	147.360 +	BEP	*
CLINCHCO	KB4RFN	147.150 +	BEPT88.5	N
COEBURN	AD4OV	145.430 -	ABER103.5	*
COVINGTON	WA4HTI	146.805 -	L	*
CULPEPER	AA4VI	147.120 +		
#DANTE	WD4CYZ	147.255 +	UNCOORD.	N
DANTE/HAZEL MTN	KK4MW	146.985 -	AT103.5	N
DANVILLE(DCC)	WB4GJG	146.925 -	BRPT104.2	N
DANVILLE/WHT OAK.	K4AU	146.700 -	BERP	*
DUBLIN	K4HZS	146.670 -	P	*
DULLES AIRPORT	N4FSC	145.310 -	AE	
EASTVILLE	N4WAO	147.345 +	PROPOSED	*
ELK CRK/IRON MTN	N4MGQ	147.240 +	BLT107.2	*
ENON	WB4VWR	147.060 +	BPT107.2	*
FAIRFAX	WB4YHD	224.100 -	AEL	
FAIRFAX	W4LBL	146.790 -	AELRZ	
FARMVILLE	KE4ZBH	145.330 -	BEP	*
FARMVILLE	N4RKM	146.910 -		*
FINCASTLE	W4WIC	146.640 -	A	*
FOREST	W8CXD	147.165 +	LT114.8	*
FRANKLIN	K4SPS	147.300 +	BELPT131.0	*
FREDERICKSBURG	WB4LNT	147.015 +	E	
GALAX/BRIRP MT	N4VL	147.090 +	AB	*
GALAX/LKOUT MT	N4VL	145.130 -	RT103.5	*
GATE CITY	N4WWB	146.820 -	ABL	*
GLOUCESTER	W4HZL	145.370 -	PE	*
GOOCHLAND	N4TZE	147.090 +	ABL	N
GREENBAY	K4ARO	145.150 -		N
GRUNDY	K4HWQ	147.315 +	A	N
GRUNDY/BIG A MT	KK4EH	146.835 -		N
GUM SPRING	WB4IKL	147.270 +		*
HAMPTON	WA4OHX	145.490 -	ABEL	*
HAMPTON	W4QR	146.730 -	BEP	*
HAMPTON	K4UMI	146.940 -	T	N
HAMPTON	KA4VXR	147.225 +	AT136.5	N
HARRISONBURG	N4YET	145.130 -		
HARRISONBURG	N4RAG	146.895 -		
HARRISONBURG	N4RAG	147.225 +	T131.8	
HARRISONBURG	N4YET	147.315 +		
KILMARNOCK	W2MS	145.210 -	A	*
KING GEORGE	KB4OB	442.000 -	ol	
LEXINGTON	KI4ZR	147.300 +	AB	*
LEXNGTN/ROCK MT.	KI4ZR	147.330 +		*
LOVETTSVILLE	W4TLQ	146.865 -	CT146.2	
LYNCHBURG	KC4RBA	145.370 -	BP	*
LYNCHBURG	W4WWQ	146.610 -		*
LYNCHBURG	AB4M	147.015 -	PT131.8	*
LYNCHBURG	WA4RTS	147.195 +	BT136.5	*
LYNCHBURG	KB4ILD	147.375 +	P	N
MANASSAS	WA4FPM	146.970 -	AZ	
MARION	KC4SKE	145.270 -	T103.5	N
MARION	N4QLF	146.640 -	AT103.5	N
MARTINSVILLE	KF4KVG	147.285 +	BEPT107.2	*
MCLEAN	WD4IWG	147.210 +	AE	
MECHANICSVILLE	W4ML	146.820 -	B	N
MONTEREY	WD4ITN	147.180 +	T100.0	N
MOUNTAIN LAKE	WZ8E	146.865 +	PL	*
MT.LAKE/BALD KNB	K4TUE	146.910 -		*
NEW MARKET	KE4FM	146.625 -	E	
NEWPORT NEWS	W4MT	145.230 -	PT100.0	*
NEWPORT NEWS	WB4CTF	147.165 +	PLR	N
NORFOLK	WA4ZUA	145.170 -	BELPRT136.5	N
NORFOLK	W4VB	145.330 -	BERP	*
NORFOLK	KF8PT	146.700 -	E	N
NORFOLK	AD4ZK	147.075 +	BEP	*
NORTON/HIGH KNOB	K4AXO	147.015 -	BP	*
PATRICK SPRINGS	WB8POC	147.120 +	BT107.2	*
PEARISBURG	N4AZJ	147.135 +	BEPT100.0	*
PENNINGTON GAP	KK4QS	146.700 -		*
PETERSBURG	K4ARO	147.390 +		N
PKS KB/PULASKI	WB3S	147.180 +	BPT103.5	*
PORTSMOUTH	W4POX	146.850 -	BEP	*
QUANTICO	KE4ZN	147.345 +	T167.9	
RADFORD/RINER	KA4IXK	145.150 -		*
#RICHLANDS	KM4FY	147.150 +	UNCOORD.	N
RICHMOND	K4YPE	145.110 -	A	*
RICHMOND	W4SQT	145.430 -	P	*
RICHMOND	WB4QEY	146.640 -	P	*
RICHMOND	W4RAT	146.880 -	BP	*
RICHMOND	W4ZA	146.940 -	B	*
RICHMOND	WA4JST	147.030 -		N
RICHMOND	KC4VDZ	147.135 +	T107.2	*
ROANOKE	N4AP	146.940 -	A	N
ROANOKE/POOR MT	K4ROA	146.745 -	BERPT107.2	*
ROANOKE/POOR MT	W4CA	146.985 -	BELP	*
ROANOKE/POOR MT.	WB4QOJ	145.210 -	BLKPRY	N
ROANOKE/POOR MTN	K4ARO	145.390 -	LT107.2	N
ROANOKE/POOR MTN	KB4QWO	147.270 +	BLP	*
RUSTBURG	N4UTN	145.290 -	PROPOSED	*
RUSTBURG/LONG MT	N4UTN	146.835 -	BP	*
SALEM	WA4V	146.880 -		N
SALUDA	AA4HQ	145.450 -	ABE	*

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE VIRGINIA REPEATERS

SMITHFIELD	KF4ADJ	147.195 +	ABERT100.0	*
SOUTH BOSTON	AB4YR	145.350 -	B	N
SOUTH BOSTON	KF4AGO	147.060 -	PL	*
SOUTH HILL	N4ZCM	145.470 -	LP	N
STAUNTON	W4XD	146.700 -		*
STAUNTON	WA4ZBP	146.850 -	RYT131.8	*
STAUNTON	W4WRN	146.970 -	E	N
STAUNTON/EL. KB	WD4FOZ	147.045 +	T131.8	*
STERLING	WA4TXE	146.715 -	AE	
STUARTS DRAFT	KB4OLM	147.360 +	PELP	N
SUFFOLK	WA4HMT	147.000 -	OEP	N
TYSONS CORNER	W4XG	146.910 -	A	
VIENNA	K4HTA	146.685 -	E	
VIRGINIA BEACH	WA4KXV	146.895 -		*
VIRGINIA BEACH	WA4KXV	146.970 -	E	*
VIRGINIA BEACH	WA4SBC	147.045 +		N
VIRGINIA BEACH	W4NV	147.375 +		N
WALKERTON	KA4DZU	146.715 -		N
WARRENTON	KA3TQD	145.350 -	L	
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +	E	*
WAYNESBORO	W4PNT	147.075 +	BELP	*
WILLIAMSBURG	KF4ADM	145.410 -	ABELT127.3	*
WILLIAMSBURG	W4NTG	146.670 -	OABE	*
WILLIAMSBURG	KB4ZIN	146.760 -	ABE	*
WINCHESTER	N4RAG	145.210 -	T131.8	
WINCHESTER	KA3TQD	145.350 -	L	
WINCHESTER	W4RKC	146.820 -		
WISE	AD4NZ	145.210 -	BLT103.5	N
WISE	KC4UBU	146.865 -	PROPOSED	N
WOODBRIDGE	WB4FQR	147.240 +	AEL	
WYTHEVILLE	WB3T	146.775 -	AELT107.2	*
WYTHEVILLE/BLAND	WB3T	146.895 -	BLRT103.5	*

220 MHZ

ALEXANDRIA	WA4CCF	224.820 -	LT107.2	
ALEXANDRIA	WA4CCF	53.130 +	LT107.2	
ARLINGTON	WB4MJF	224.060 -	L	
ARLINGTON	WB4MWF	224.620 -		
BEDFORD	N4PLV	224.840 -	B	*
BEDFORD/APL ORCH.	WA1ZMS	224.180 -	BLT100.0	*
BLUEFIELD	N8LGA	224.920 -		*
BUCK'S ELBOW	N4RAG	224.320 -	BT131.8	N
BUCKS ELBOW	KC4MZN	224.220 -	BT131.8	N
BULL RUN MTN.	K9SP	223.940 -		
CHARLOTTESVILLE	KB4YQC	224.140 -	BCPT88.5	*
CHARLOTTESVILLE	WA4TFZ	224.760 -	B	*
DELTAVILLE	AA4HQ	224.900 -	AEB	*
FAIRFAX	W4LBL	146.790 +	AELRZ	
FAIRFAX	WB4YHD	224.100 -	EL	
FAIRFAX	WD4KHP	224.440 -	c PL	
FALLS CHURCH	N4CHP	224.980 -		
FANCY GAP	K4DQ	224.880 -	PROPOSED	N
GLOUCESTER	W4GSF	224.620 -	AE	*
HAMPDEN-SYDNEY	W4JAS	224.200 -		N
HAMPTON	WB4PVT	224.540 -	BLT100.0	N
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.400 -	CT	
HAYMARKET	WD4KHP	224.420 -	ACELZ	
HERNDON	WD4KHP	224.740 -	Rmt-Base	
JONESVILLE	WM4MD	224.520 -	PROPOSED	N
LAKE GASTON	WA4HMT	224.600 -	O	N
LEESBURG	KC3BM	224.020 -	AC	
LINDEN	N4RAG	224.360 -	T131.8	
LOVETTSVILLE	WB4FUJ	224.460 -	C	
LYNCHBURG	AB4M	224.280 -	P	*
MANASSAS	WA4FPM	224.660 -	AZ	
MARTINSVILLE	K4RCA	224.500 -	P	*
NORTON/HIGH KNOB	WD4GSM	224.420 -	B	*
PATRICK SPRINGS	KC4J	224.420 -	BT103.5	*
PEARISBURG	KQ4Q	224.860 -	B	*
PETERSBURG	K4ARO	224.700 -		N
RESTON	WD4KHP	224.720 -	AEL	
RESTON	WD4KHP	224.720 -	RB Up/Dn Lk	
RIDGEWAY	AA4QT	224.380 -	BRT	N
ROANOKE	N4CH	224.100 -	L	*
ROANOKE/CAHAS MT	AB4EM	224.940 -		*
ROANOKE/TINKER	K4YDG	224.900 -	B	*
STAUNTON/EL KNOB	WD4FOZ	224.300 -	T131.8	*
STUART	WB4GUG	224.200 -	T107.2	*
TYSONS CORNER	KB4CVL	224.340 -		
TYSONS CORNER	WD4KHP	224.420 -	ACELZ	
VIRGINIA BEACH	N4WQJ	224.740 -		N
WAYNESBORO	KA4RCL	224.680 -	T131.8	*
WOODBRIDGE	WB4GJZ	224.780 -	EL	

440 MHZ

#ARLINGTON	KA4DCS	449.875 -	PL-136.5,Not	
#CHANCELLOR	KB4OB	443.850 +	o(ca)el	
#THOROUGHFARE	KA4ATI	444.850 +	N.C. eil(ca)	
#WOODBRIDGE	KA4DCS	449.875 -	PL-146.2,Not	
#WOODFORD	WA4SDE	448.975 -	o Not Coord.	
ABINGDON	KB8KSP	442.975 +	BT88.5	*
ALEXANDRIA	WA9GVK	911.250 -	TV Video	
ALEXANDRIA	WA9GVK	439.250 -	L TV Video	
ALEXANDRIA	WA9GVK	915.750 -	TV Audio	
ALEXANDRIA	W4HFH	444.600 +	LT107.2	
ALEXANDRIA	W4HFH	147.315 +	L	
ALTAVISTA	WA4ISI	444.425 +	BEP	*
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	W8HNT	449.325 -	T79.7	
ARLINGTON	WB4MJF	444.150 +		
ARLINGTON	K4AF	444.550 +		
ASHBURN	N4EFK	444.300 +		
BANCO	WA3KOK	443.250 +	LT107.2	
BEDFORD	N4CH	444.350 +	L	*
BEDFORD/APL ORCH.	WA1ZMS	442.650 +	BLT100.0	*
BEDFORD/APL ORCH.	WA1ZMS	443.800 +	BT100.0	*
BERRYVILLE	WB2KPH	447.475 -		
BIG "A" MTN	KB4WTP	444.875 +		*
BLUEFIELD	WZ8E	443.625 +	BL	*
BLUEFIELD	W8MOP	444.450 +	B	*
BLUEFIELD	WZ8E	444.625 +	AL	*
BLUEMONT	WA4TSC	449.925 -	T146.2	
BULL RUN MTN.	WD4KHP	449.775 -	c 103.5	
CHARLOTTESVILLE	WA4TFZ	444.250 +	B151.5	*
CHESAPEAKE	KB4NKO	443.100 +	PROPOSED	N
CHESAPEAKE	N4EVG	443.900 +	PE	*
CHESTERFIELD	KD4SUU	442.150 +		*
COVINGTON	WA4HTI	442.250 +		*
DALE CITY	N4LJZ	443.100 +	Rmt Base	
DALE CITY	N4LJZ	443.100 +		
DANVILLE	KQ4RX	443.850 +	B	*
DANVILLE/WHT OAK.	KM4AU	444.700 +	BERP	*
ENON	WB4VWR	444.200 +	R	*
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	KD4SO	449.375 -		
FAIRFAX	WD4KHP	449.775 -	T107.2	
FANCY GAP	WD4ICX	444.175 +	T107.2	N
FANCY GAP	N4OWU	444.375 +	T107.2	*
FANCY GAP	N4XRY	444.900 +	RPB	*
FOREST	W8CXD	443.600 +	T136.5	*
FOREST	WD4KQI	444.750 +	A	*
FRONT ROYAL	KB4KRO	449.075 -	RT146.2	
FRONT ROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +	C	N
GATE CITY	N4WWB	444.700 +	ABL	*
GOLDVEIN	KC4ASF	444.450 +	T	
GRETNA/SMITH MT	KD4TBC	444.075 +	BPT67.0	N
GUM SPRING	KB4MIC	442.800 +		*
HAMPTON	K4UMI	443.650 +		N
HAMPTON	WA4OHX	444.400 +	ABEL	*
HAMPTON	W4QR	444.550 +	EPT167.9	*
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	KE4HCT	448.325 -	R	
HAYMARKET	N3AUY	449.025 -	ELT156.7	
HERNDON	N4FSC	448.775 -		
HERNDON	N4LXI	443.000 +		
HILLSVILLE	KB4YFV	442.125 +	T103.5	*
JONESVILLE	WB4IVB	442.575 +	BT100.0	*
KEYSVILLE	KB4TLZ	443.525 +	BPT131.8	*
KING GEORGE	KB4OB	144.910 +	ol	
KING GEORGE	KB4OB	442.000 +	AL	
LEXINGTON	KI4ZR	444.300 +	AB	*
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		*
LORTON	WA3TOL	448.675 -		
LORTON	WD4KHP	449.725 -	EL	
LYNCHBG/JACK MT.	KF4YI	442.400 +	BPT107.2	N
LYNCHBURG	AB4FU	442.950 +	PT	*
LYNCHBURG	KC4RBA	443.450 +	BP	*
LYNCHBURG	WA4RTS	444.550 +	BT136.5	*
LYNCHBURG/TOBRMT	K4HEX	444.500 +	RT136.5	*
MADISON	N8HON	444.400 +	EL	
MAPPSVILLE	KD4NVM	444.300 +	PROPOSED	N
MARTINSVILLE	KD4CRM	442.175 +	BT465INV	N
NEWPORT NEWS	W4MT	442.900 +	PROPOSED	*
NORFOLK	AD4ZK	444.475 +	BT	*
NORFOLK	WD4MIZ	444.675 +	BT107.2	*
NORTON/HIGH KNOB	WA4NDQ	444.850 +	BLRT103.5	N
OILVILLE	KB4MIC	444.800 +	P	*
PATRICK SPRINGS	KC4J	443.175 +	BR	*
PEARISBURG	N4AZJ	444.975 +	BT103.5	*
PETERSBURG	K4ARO	442.600 +		N
PETERSBURG	WB4KZI	443.825 +	B	*
PORTSMOUTH	W4POX	443.800 +	BEP	*
PORTSMOUTH	KK4SN	444.000 +	AE	N
POWHATAN	KN4YM	443.100 +		N
PULASKI	KE4CIF	442.775 +	BT	N
RICHMOND	KC4VDZ	442.300 +	T114.8	*
RICHMOND	W4RAT	442.550 +	T127.3	*
RICHMOND	AB4SF	444.850 +	T	*
RICHMOND/CHARVLE	N4EHJ	444.650 +	B	*
ROANOKE	K4ARO	442.600 +	T	N
ROANOKE/AIRPORT	WD4KZK	443.750 +	ALRT107.2	*
ROANOKE/POOR MT	W4CA	442.500 +	BEP	*
ROANOKE/POOR MT.	N4VG	442.700 +		*
ROANOKE/POOR MTN	KA4IXK	442.850 +	B	*
ROANOKE/READ MTN	WD4KZK	444.850 +	BLRT107.2	*
ROANOKE/TINKER M	WB8BON	444.925 +	B	*
RUSTBURG/LONG MT	N4UTN	443.325 +	BP	*
SILER	WB4YRB	449.175 -	DR	
SMITHFIELD	KF4PGC	443.550 +	ABET100.0	*
SOUTH BOSTON	KF4AGO	443.925 +		*
SOUTH BOSTON	AB4YR	444.625 +	B	N
SPRINGFIELD	WD4KHP	449.825 -	EL	
STAUNTON	WA4ZBP	444.825 +		*
STAUNTON	W4WRN	444.950 +		N
STAUNTON/EL KNOB	WD4FOZ	444.100 +	T131.8	*
STERLING	WA4TXE	442.100 +	AL	
STUART	WB4GUG	442.225 +	T107.2	*
STUARTS DRAFT	KB4OLM	444.050 +	BELP	N
TYSONS CORNER	KM4FI	443.500 +	T156.7	
TYSONS CORNER	K4JYF	444.750 +		
VIENNA	N4KOU	444.850 +	A	
VIRGINIA BEACH	WA4KXV	444.950 +	E	*
WALTHALL MILL	KE4RTQ	444.275 +	T114.8	N
WARRENTON	WD4IWG	442.400 +	LT156.7	
WHITETOP MTN	KM4X	443.000 +	BT103.5	*
WILLIAMSBURG	KB4ZIN	444.100 +	B	*
WILLIS	W4DUM	443.875 +	B	N
WINCHESTER	W3CSG	442.000 +		
WOODBRIDGE	AA4VA	443.800 +		
WOODBRIDGE	WB4FQR	444.900 +	E	
WYTHE/WALKER MTN	WB3T	442.000 +	ABLRT103.5	*
WYTHEVILLE/SAND	WB3T	444.325 +	T103.5	*

920 MHZ

ALEXANDRIA	WA4CCF	919.600 -	L	
BEDFORD/APL ORCH.	WA1ZMS	921.100 -	BLT100.0	*
LYNCHBURG	K2AD	921.200 -	BLT100.0	*
LYNCHBURG/TOBRMT	K4HEX	921.000 -	T100.0	*
ROANOKE	KM4TT	920.900 -	PT123.0	N

1270 MHZ

ALEXANDRIA	WA4CCF	282.600 -	L	
BEDFORD/APL ORCH.	WA1ZMS	291.100 -	BLT100.0	*
MCLEAN	K6LEW	292.100 -		
ROANOKE/POOR MTN	N4CH	291.020 -		*

ATV REPEATERS

LYNCHBURG	K4HEX	923.250 -	V	*
ROANOKE/POOR MT.	N4FHL	439.250 -	V	N
WAYNESBORO	KA5NOJ	426.250 +	V	*

WEST VIRGINIA

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY	KA8OTX	29.620 -		*
CHARLESTON	WB8CQV	29.640 -	L	N
RICHWOOD	WA8YWO	29.660 -	T100.0	N

6 METERS

ALDERSON	WA8WDK	53.190 -	B	N
BECKLEY	WB8YST	53.590 -	LT107.2	*
CHARLESTON	WB8YST	53.630 -	BELPT107.2	*
FLATWOODS	N8CQQ	53.110 -	PROPOSED	N
GASSAWAY	KA8LPH	53.210 -	BLPT123.0	*
HARPER'S FERRY	N4QFW	53.350 -	ACET	
LOGAN	KE4QOX	53.170 -	BLRT	*
MARMET/CHARLESTO	N8PEI	53.750 -	BT141.3	N
RICHWOOD	WB8YST	53.710 -	PROPOSED	*

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	BRT107.2	*
BARTOW	KB8SLH	145.110 -		*
BECKLEY/BOLT	WV8B	145.170 -	ALT100.0	*
BECKLEY/EOC	N8TNB	145.370 -	ABL	N
BECKLEY/FLAT TOP	WA8WDK	146.850 -	BL	N
BECKLEY/LAYLAND	N8FCJ	145.310 -	ALT100.0	*
BECKLEY/OAK HILL	N8FWL	145.230 -	BLT100.0	*
BERKELEY SPRINGS	KK3L	146.745 -	LR	
BIRCH RIVER	N8FMD	145.270 -	LT103.5	*
BLUEFIELD	W8MOP	145.490 -	BP	*
BRIDGEPORT	WB8DKM	147.120 +	BEPT	*
BUCKHANNON	N8FHE	145.410 -	A	*
BUCKHANNON	N8ZAR	147.060 +	ABELRT123.0	N
CHARLES TOWN	N8EIV	146.985 -	T	
CHARLESTON	W8GK	145.350 -	BEP	*
CHARLESTON	WB8IFS	146.820 -	AE	N
CLARKSBURG	N8FMD	146.685 -	BLT103.5	*
CLARKSBURG	N8FMD	147.210 +	EPT103.5	*
DANVILLE	WB8NAM	146.685 -	BEPT	N
DAVIS	KE8MR	147.135 +	LT103.5	*
DRENNEN	W8FG	145.470 -		N
ELKINS	KB8BWZ	146.775 -		N
FAIRMONT	W8SP	145.350 -	AT123.0	N
FENWICK	KD8AB	146.940 -		N
FLAT TOP/WINTRPL	WV8B	146.625 -	AT100.0	*
FLATWOODS	N8ZPX	146.655 -	BT123.0	*
FRANKLIN	W3RUA	147.345 +	B	*
GASSAWAY	WB8MZI	146.610 -		*
GLENVILLE	KB8EUN	145.130 -		*
GLENVILLE	KA8ZXP	145.290 -	ABELR	*
GRAFTON	WD8LNB	147.375 +		*
GRANTSVILLE	N8LGY	145.450 -	BEPT103.5	*
HARPER'S FERRY	KA3TQD	145.350 -	L	
HARRISVL/PENSBRO	WB8NSL	147.300 +		N
HINTON	KC8CNL	147.255 +	AB	*
HUNTINGTON	WB8FEQ	145.210 -	BP	*
HUNTINGTON	W8VA	146.760 -	EP	*
HUNTINGTON/CHAS.	WB8EZR	146.640 -	BER	*
IAEGER	N8SNW	146.655 -		N
KEYSER	N8RCG	147.390 +	BPT123.0	N
LEWISBURG	WB8SPW	146.730 -	P	*
LEWISBURG	WV8D	147.390 +		*
LIBERTY	WV8AR	145.410 -	LT123.0	*
LOGAN SOUTH	NV8H	147.195 +	P	N
LOGAN/SUMERCO	NU8K	147.345 +	PL	N
LOGAN/WARD RK MT	KJ8E	146.970 -	PL	N
MADISON	WB8NAM	147.120 +	BEPT	N
MARTINSBURG	WA8FSE	145.150 -	E	
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	WB8VBW	147.345 +	ALRT118.8	
MCMECHEN	N8BQ	146.910 -		*
MIDDLEBOURNE	KA8GOH	147.360 +	BT110.9	*
MOOREFIELD	KD4SZR	145.190 -	T118.8	
MORGANTOWN	K8LG	145.430 -	AL	N
MORGANTOWN	W8CUL	146.760 -	B	*
MORGANTOWN	KE8MR	147.075 +	ELPT103.5	*
MULLENS	KC8IT	147.030 +	R	*
NEW MARTINSVILE	KF8LL	146.985 -	AB	N
OAK HILL	NM8T	146.790 -	AB	N
PARKERSBURG	WV8G	145.490 -	AB	N
PARKERSBURG	WA8LLM	147.255 +	AB	*
PARKERSBURG	WD8CYV	147.390 +	ABT141.3	*
PARKERSBURG (OH)	WF8U	146.745 -	ABER	*
PARKERSBURG (OH)	N8NBL	146.970 -	A(OHIO)	*
PARSONS	K8VNQ	145.370 -	ABET118.8	*
PINEVILLE	W8LG	147.285 +		N
PRINCETON	KA8PNC	147.060 -	P	*
PRINCETON	WB8NRK	147.225 +	BT114.8	*
PRINCETON/PIPEST	WD8OGY	146.925 -		N
RAVENSWOOD	WD8JNU	146.670 -	P	*
RICHWOOD	WB8YJJ	145.190 -	BT	N
RICHWOOD	AA8TH	147.015 +	BKT	*
RICHWOOD	WA8YWO	147.150 +	BT100.0	N
ROMNEY	W8FZP	146.610 -	R	
SCOTT DEPOT	WV8AR	147.270 +	BELPRT123.0	*
SHERRARD	KD8GL	146.715 -	EPL	*
SHIRLEY	KB8TJH	145.310 -	BT	*
SO. CHARLESTON	WB8CQV	146.880 -	L	N
SOUTH CHARLESTON	KB8ODO	145.250 -	P	N
SPRUCE KNOB	N8HON	147.285 +	L	*
ST ALBANS	K8WMX	147.000 -	B	*
ST ALBANS	K8WMX	147.375 +	Y	*
TERRA ALTA	KD8ZR	147.000 +	AE	*
UNION	W8IFL	145.410 -		*
UPPER TRACT	KB8BUC	146.655 -	B	*
WEIRTON	W8CWO	146.940 -	ABEP	N
WELCH	WB8SXZ	145.450 -		N
WESTON	WD8EOM	145.390 -	P	N
WESTON	WC8K	147.165 +	BR	*
WHEELING	W8ZQ	146.760 -	BP	*
WILLIAMSON	WR8M	145.330 -	AR	*

220 MHZ

BECKLEY	N8FWL	224.240 -	PROPOSED	*
CHARLESTON	WB8YST	224.360 -	BELPRT107.2	*
FLAT TOP/WINTRPL	WV8B	224.120 -	A	*

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE WEST VIRGINIA REPEATERS

WILLIAMSON	WR8M	224.140 -		*

440 MHZ

ALDERSON	WV8B	444.400 +	O	*
BECKLEY	N8FWL	443.475 +	PROPOSED	*
BECKLEY	W8LG	444.125 +	T	*
BECKLEY/BOLT	W8LG	442.300 +	RB	*
BECKLEY/OAK HILL	WV8B	444.800 +		*
BELINGTON	N8SCS	444.900 +		N
BERKELEY SPRINGS	WA3KOK	442.450 +	ALT107.2	
BIRCH RIVER	N8FMD	444.275 +	PROPOSED	*
BLUEFIELD	W8MOP	444.450 +	B	*
BUCKHANNON	N8ZAR	444.250 +	ABELR	N
CHARLESTON	WV8AR	444.225 +	ELT123.0	*
CHARLESTON	WB8YST	444.350 +	BELRT107.2	*
CLARKSBURG	N8FMD	444.175 +	EPT103.5	*
ELKINS	WJ8G	444.850 +	T103.5	*
FAIRMONT	W8SP	443.875 +		N
FLATWOODS	N8ZVK	444.200 +		N
GLENVILLE	KA8ZXP	444.325 +		*
HUNTINGTON	WB8EZR	443.000 +	B	*
HUNTINGTON	KB8TGK	443.850 +	BRT88.5	N
HUNTINGTON/CHAS	AA8MR	444.850 +	R	*
HURRICANE	K8OJC	444.075 +		*
HURRICANE	W8HYX	444.500 +	PROPOSED	*
KEENY MTN	KF8FO	444.725 +	O	*
KEYSER	N8RCG	444.125 +	PROPOSED	N
LOGAN	KE4QOX	444.900 +	BRT	*
MADISON	K8WVA	443.050 +	PROPOSED	N
MORGANTOWN	K8LG	444.700 +	L	N
MORGANTOWN	W8CUL	444.800 +	B	*
MULLENS	KC8IT	444.000 +	AB	*
OAK HILL	NM8T	443.300 +	AB	N
OAK HILL	KA8OTX	443.800 +		N
PRINCETON	KB8UJG	443.700 +	ABT123.0	*
RIPLEY	KC8AOF	444.150 +	PROPOSED	N
SHIRLEY	KB8TJH	444.425 +	BT	*
SLANESVILLE	KD4JBY	442.350 +		
SO. CHARLESTON	WB8CQV	444.950 +	RL	N
ST. ALBANS	K8MHR	443.150 +	BELP	*
WELCH	N8SNY	443.725 +		*
WESTON	WC8K	444.600 +	C	*
WHEELING	KA8YEZ	443.025 +	LT77.0HZ	*
WHEELING	N8EKT	444.975 +		N

ATV REPEATERS

HUNTINGTON	WA4GSS	421.250 +	BV	N
WHEELING	KB8QHO	421.250 +	V	N

FULL MEMBERS FROM NON SERA STATES

2 METERS

ANGOLA, IN	WB9AEI	147.180 +	T131.8	*
CONCORD, NH	KA1OKQ	147.225 +	T100.0	*
DELAND, FL	KF4DWF	147.045 +	T103.5	*
HARRISONBURG, VA	N4RAG	147.225 +	BLPT131.8	N
LOGANSPORT, IN	W9VMW	145.230 -		*
LOGANSPORT, IN	W9VMW	147.180 +	BPT77.0	*
PLYMOUTH, IN	WA9INM	147.285 +	T131.8	*
WINCHESTER, VA	N4RAG	145.210 -	LT131.8	N
WINFIELD, AL	KT4JW	147.040 +	T192.8	*

220 MHZ

ALBANY, NY	K2AD	224.140 -		*
CONCORD, NH	KA1OKQ	224.800 -	T103.5	*

440 MHZ

ALBANY, NY	K2AD	444.000 +		*
ANGOLA, IN	WB9AEI	444.900 +	T100.0	*
CONCORD, NH	KA1OKQ	448.775 -	T82.5	*
DALLAS, TX	KF5TU	442.350 +	T100.0	*
LOGANSPORT, IN	W9VMW	443.650 +		*
MADISON, VA	N8HON	444.400 +	MBL	*
MT EQUINOX, VT	K1DF	444.050 +		*
PEMBROKE, NH	KA1OKQ	444.150 +		*
PETERBORO, NH	KA1OKQ	443.350 +	T110.9	*
UTICA, NY	K1DF	442.100 +		*

920 MHZ

ALBANY, NY	K2AD	921.000 -		*
MT. BEACON, NY	K1DF	921.200 -		*

REPEATERS LIST - STATUS UNKNOWN

IMPORTANT NOTE:

This section of repeater listings are classified as "UNKNOWN". By this, we mean that SERA, it's coordinators, or database operator do not know for sure the listing is in fact a verified repeater which is operational. This is due mainly to the fact that the operator of the "unknown" system has failed, or refused to respond to repeated requests by SERA over the past 3 years for verification of operation.

Accurate listings, and complete information on repeaters is vitally important for SERA coordinators to do their job properly.

Repeater users are warned that these systems listed as "unknowns" may or may not be accurate. SERA accepts no responsibility for any problems, misinformation, or inconveniences as a result of these listings. They are published merely to conform to our Bylaws and Non-Profit requirements.

Anyone knowing or having information on any of these listings are encouraged to contact their local SERA Frequency Coordinator. Owners of any repeaters on this list, are encouraged to write or call our Database Manager for a repeater Datasheet. Upon receipt, the it should be completed accurately and returned to SERA. Your district coordinator will be in touch with you about getting your "unknown" listing to a verified true listing in our regular repeater index.

-The editor

GEORGIA UNKNOWN REPEATERS

DOUGLASVILLE	N4UOX	53.470 -	UNKNOWN	N
#HIGH HOUSE MTN	W4VWH	53.450 -	UNKNOWN	N
PINE LOG MT	WB4UPC	53.050 -	UNKNOWN	N
AMERICUS	N4KD	146.640 -	UNKNOWN	N
ATLANTA	K4CLJ	146.970 -	UNKNOWN	N
ATLANTA	WA4NNO	147.000 -	UNKNOWN	N
AUGUSTA	N4BMA	147.180 +	UNKNOWN	N
BRNSWK/JEKYLL IS	KB4PXX	145.410 -	UNKNOWN	N
CHATSWORTH	N4YYD	145.250 -	UNKNOWN	N
COLUMBUS	KA4CEK	145.310 -	UNKNOWN	N
COLUMBUS	W4CVY	146.880 -	UNKNOWN	N
COMMERCE	KB4ZUN	147.225 +	UNKNOWN	N
COOLIDGE	N4JBF	145.170 -	UNKNOWN	N
#FORSYTH	W4STJ	147.915 -	UNKNOWN	N
LAGRANGE	WB4BXO	147.330 +	UNKNOWN	N
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKNOWN	N
ST. MARYS	KA4UUB	146.985 -	UNKNOWN	N
STATESBORO	NC4D	147.105 +	UNKNOWN	N
STOCKBRIDGE	WA4JDR	145.310 -	UNKNOWN	N
SWAINSBORO	K4VYX	146.790 -	UNKNOWN	N
VIDALIA	KE4ZZ	146.625 -	UNKNOWN	N
ATLANTA	N4BLR	224.280 -	UNKNOWN	N
BRUNSWICK	N3GLC	224.180 -	UNKNOWN	N
CLAYTON	KI4WR	224.720 -	UNKNOWN	N
FORT MTN/CHATSWO	N4YYD	224.240 -	UNKNOWN	N
RINGGOLD	W4ABZ	224.640 -	UNKNOWN	N
TEMPLE	KC4NYV	224.300 -	UNKNOWN	N
THOMASVILLE	N4JBF	224.320 -	UNKNOWN	N
ATLANTA	WA4YNZ	442.975 +	UNKNOWN	N
ATLANTA	WA4NNO	444.925 +	UNKNOWN	N
ATLANTA	WA4YNZ	444.975 +	UNKNOWN	N
CONYERS	N4EMM	444.750 +	UNKNOWN	N
DACULA	KK4IN	443.550 +	UNKNOWN	N
DECATUR	WB4LBM	444.200 +	UNKNOWN	N
DULUTH	N2NOG	442.300 +	UNKNOWN	N
FORT MTN/CHATSWO	N4YYD	443.350 +	UNKNOWN	N
GRIFFIN	WB4DEB	443.900 +	UNKNOWN	N
HAMILTON	WB4ULJ	444.400 +	UNKNOWN	N
HAMPTON	WB4DEB	443.125 +	UNKNOWN	N
HIGH HOUSE MTN	KD4APP	443.200 +	UNKNOWN	N
JASPER	KB4MDE	443.425 +	UNKNOWN	N
JONESBORO	N4QCP	443.225 +	UNKNOWN	N
LAWRENCEVILLE	KC4LU	444.400 +	UNKNOWN	N
MARIETTA	KM4BA	443.600 +	UNKNOWN	N
MARIETTA	KM4BA	443.700 +	UNKNOWN	N
MARIETTA	KM4BA	444.325 +	UNKNOWN	N
ROSSVILLE	N4PLP	442.125 +	UNKNOWN	N
THOMASVILLE	KD4POG	443.250 +	UNKNOWN	N
BRNSWK/JEKYLL IS	KB4PXX	421.250 +	UNKNOWN	N

KENTUCKY UNKNOWN REPEATERS

LOUISVILLE	WB4LBR	52.025 +	UNKNOWN	N
COVINGTON	WR8CRA	145.410 -	UNKNOWN	*
DIXON	AA4SB	147.255 +	UNKNOWN	N
HARLAN	WA4ZAC	147.105 +	UNKNOWN	N
LITCHFIELD	KB4NFK	147.225 +	UNKNOWN	N
LOUISVILLE	N4KWT	147.270 +	UNKNOWN	N
MARION	KA4FGA	147.285 +	UNKNOWN	N
OWINGSVILLE	N4TLP	147.075 +	UNKNOWN	N
PADUCAH	W4NJA	147.060 +	UNKNOWN	N
PROVIDENCE	N4IUI	147.330 +	UNKNOWN	N
UNION CITY (TN)	WA4YGM	146.700 -	UNKNOWN	N
PIKEVILLE	WB4F	224.580 -	UNKNOWN	N
LOUISVILLE	WB4ZZD	444.300 +	UNKNOWN	N

MISSISSIPPI UNKNOWN REPEATERS

BILOXI	K5TYP	146.790 -	UNKNOWN	N
CHATAWA	WB5GOJ	145.310 -	UNKNOWN	N
COLUMBIA	N5SPF	147.285 +	UNKNOWN	N
COLUMBUS	KA5LVU	145.430 -	UNKNOWN	N
COLUMBUS	KA5GOU	147.000 +	UNKNOWN	N
CORINTH	KA5RPB	145.390 -	UNKNOWN	N
GREENVILLE	WA5MBA	146.820 -	UNKNOWN	N
GREENWOOD	KA5TQY	146.715 -	UNKNOWN	N
ISOLA	KC5OB	146.955 -	UNKNOWN	N
IUKA	WB5MFK	146.850 -	UNKNOWN	N
KOSCIUSKO	W5LWC	146.850 -	UNKNOWN	N
LAUREL	WV5D	147.030 -	UNKNOWN	N
MOOREVILLE	WB5NAY	146.640 -	UNKNOWN	N
NATCHEZ	W5KHB	146.685 -	UNKNOWN	N
NATCHEZ	K5OCM	146.910 -	UNKNOWN	N
NEW ALBANY	K5DGL	146.670 -	UNKNOWN	*
PASCAGOULA	N5AAY	146.880 -	UNKNOWN	N
PHILADELPHIA	N5EPP	147.330 +	UNKNOWN	N
PONTOTOC	WB5NAY	147.380 +	UNKNOWN	N
PORT GIBSON	KE5WO	146.625 -	UNKNOWN	N
STARKVILLE	KF5C	146.805 -	UNKNOWN	N
ACKERMAN	NM5D	224.780 -	UNKNOWN	N
ACKERMAN	NM5D	224.820 -	UNKNOWN	N
BILOXI	K5TYP	224.500 -	UNKNOWN	N
CORINTH	KA5RPB	224.520 -	UNKNOWN	N
ACKERMAN	NM5D	443.650 +	UNKNOWN	N
ACKERMAN	NM5D	444.900 +	UNKNOWN	N
INDIANOLA	AB5DU	444.850 +	UNKNOWN	N
JACKSON, EAST	AA5RZ	443.625 +	UNKNOWN	N
NATCHEZ	N5IAT	443.800 +	UNKNOWN	N

NORTH CAROLINA UNKNOWN REPEATERS

BALD CREEK	N1BEC	29.660 -	UNKNOWN	N
BALD CREEK	N1BEC	53.030 -	UNKNOWN	N
SAURATOWN MT	N4QLX	53.210 -	UNKNOWN	N
AHOSKIE	WB4YNF	145.130 -	UNKNOWN	N
ASHEVILLE/FLATTP	N4OOC	147.180 +	UNKNOWN	N
BALD CREEK	N1BEC	147.045 +	UNKNOWN	N
CROWDERS MT/GAST	WD4PLY	145.450 -	UNKNOWN	N
EDEN/STONEVILLE	WA4QBG	147.390 +	UNKNOWN	N
MARION	WD4PVE	146.985 -	UNKNOWN	N
MORG WALKER TOP	N4OOC	147.225 +	UNKNOWN	N
TUCKASEGEE	KA4YGX	147.300 +	UNKNOWN	N
BALD CREEK	N1BEC	224.120 -	UNKNOWN	N
HENDERSONVILLE	N4UQS	224.960 -	UNKNOWN	N
WILMINGTON	WB4KPF	224.680 -	UNKNOWN	N
AHOSKIE	WB4YNF	444.200 +	UNKNOWN	N
BALD CREEK	N1BEC	444.875 +	UNKNOWN	N
BOONE	WB4WTC	443.825 +	UNKNOWN	N
CHARLOTTE	KD4OWV	443.950 +	UNKNOWN	N
CROWDERS MTN	KD4FRP	443.675 +	UNKNOWN	N
GSO/LEVEL CROSS	N4VWK	444.225 +	UNKNOWN	N
HICKORY	K4JEQ	444.000 +	UNKNOWN	N
HIGH POINT	N4LXW	443.700 +	UNKNOWN	N
LEXINGTON	WD4ICX	444.500 +	UNKNOWN	N
MORG. WALKER TOP	N4OOC	442.300 +	UNKNOWN	N
RALEIGH	N4LMR	442.450 +	UNKNOWN	N
SALISBURY	W4HG	443.150 +	UNKNOWN	N
SALISBURY	K0SD	444.575 +	UNKNOWN	N

SOUTH CAROLINA UNKNOWN REPEATERS

AWENDAW	K4ESG	147.300 +	UNKNOWN	N
CHARLESTON	KD4PBC	146.940 -	UNKNOWN	N
CHARLESTON AREA	KF4ADK	147.270 +	UNKNOWN	N
COLUMBIA	WB4NEP	146.715 -	UNKNOWN	N
COLUMBIA	N4EOY	147.360 +	UNKNOWN	N
FLORENCE	W4PNZ	147.195 +	UNKNOWN	N
GREENWOOD/HODGS	KB4CS	145.130 -	UNKNOWN	N
LITTLE MT.	K4AVU	147.210 +	UNKNOWN	N
SUMMERTON	N4LWY	145.150 -	UNKNOWN	N
SUMTER/SHAW	W4VFR	147.060 +	UNKNOWN	N
COLUMBIA	N4EOY	224.900 -	UNKNOWN	N
SUMTER/SHAW	W4VFR	224.660 -	UNKNOWN	N
CHARLESTON	KD4PBC	444.950 +	UNKNOWN	N
COLUMBIA	N4EOY	443.000 +	UNKNOWN	N
FLORENCE	N4JJ	444.000 +	UNKNOWN	N
SUMTER	WA4UMU	423.250 +	UNKNOWN	N

TENNESSEE UNKNOWN REPEATERS

UNION CITY	WA4YGM	29.660 -	UNKNOWN	N
CHATTANOOGA	WB4LRD	53.010 -	UNKNOWN	N
GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKNOWN	N
KNOXVILLE	WA4YON	53.250 -	UNKNOWN	N
MEMPHIS	WA4KOG	53.010 -	UNKNOWN	N
MEMPHIS	K4RDK	53.550 -	UNKNOWN	N
OAK RIDGE	WD4GYN	53.110 -	UNKNOWN	N
ALAMO	WB4EDS	147.135 +	UNKNOWN	N
BRISTOL	WD4CYZ	146.880 -	UNKNOWN	N
BROWNSVILLE	KB4YTU	145.430 -	UNKNOWN	N
CHARLESTON	KD4LDU	147.060 -	UNKNOWN	N
COVINGTON	WA4KOG	145.450 -	UNKNOWN	N
DYERSBURG	WB4RCK	146.745 -	UNKNOWN	N
GERMANTOWN	W4GMM	147.090 +	UNKNOWN	N
HENDERSONVILLE	K4UVH	147.345 +	UNKNOWN	N
JACKSON	WB7BOX	145.110 -	UNKNOWN	N
LAFOLLETTE	KA4OAK	145.130 -	UNKNOWN	N
LAFOLLETTE	KA4OAK	147.360 +	UNKNOWN	N
LAKE CITY	WB4OAH	146.820 -	UNKNOWN	N
LAVERNE	WR3S	145.230 -	UNKNOWN	N
MEDINA	WA4RWK	146.970 -	UNKNOWN	N
MEMPHIS	K0JXI	145.150 -	UNKNOWN	N
MEMPHIS	WA4KOG	145.490 -	UNKNOWN	N
MEMPHIS	WB4KQQ	146.640 -	UNKNOWN	N
MEMPHIS	WA4KOG	146.850 -	UNKNOWN	N
MEMPHIS	WA4MQQ	147.060 +	UNKNOWN	N
MEMPHIS	WA4KOG	147.180 +	UNKNOWN	N
MORRISTOWN	WB4OAH	147.225 +	UNKNOWN	N
NASHVILLE	K4AYN	147.045 +	UNKNOWN	N
RIDGETOP	WD4FFM	145.290 -	UNKNOWN	N
SAVANNAH	WB4DQU	146.910 -	UNKNOWN	N
SHORT MTN	W4YXA	146.910 -	UNKNOWN	N
UNION CITY	WA4YGM	146.700 -	UNKNOWN	N
WALLAND	KB4PIO	146.685 -	UNKNOWN	N
BROWNSVILLE	KB4YTU	224.200 -	UNKNOWN	N
CHATT/SIGNAL MT	WA4ZOK	224.900 -	UNKNOWN	N
CLEVELAND	KK4US	224.320 -	UNKNOWN	N
COLLIERVILLE	KB4YGI	224.400 -	UNKNOWN	N
LAFOLLETTE	KA4OAK	224.280 -	UNKNOWN	N
MEMPHIS	WA4KOG	224.780 -	UNKNOWN	N
MORRISTOWN	N4RBB	224.400 -	UNKNOWN	N
MORRISTOWN	KC4RGQ	224.640 -	UNKNOWN	N
ALAMO	WB4EDS	443.750 +	UNKNOWN	N
BARTLETT	WA4PAJ	444.250 +	UNKNOWN	N
BETHPAGE	KD4YUX	442.200 +	UNKNOWN	N
BROWNSVILLE	KB4YTU	444.200 +	UNKNOWN	N
BROWNSVILLE	KB4YTU	444.450 +	UNKNOWN	N
CHATTANOOGA	N4JSR	442.325 +	UNKNOWN	N
COOKEVILLE	N4UBR	442.300 +	UNKNOWN	N
FRANKLIN	N4ULM	443.850 +	UNKNOWN	N
JACKSON	WB4EPG	442.800 +	UNKNOWN	N
JACKSON	WB7BOX	444.875 +	UNKNOWN	N
MEDINA	WA4BJY	442.050 +	UNKNOWN	N
MEMPHIS	WB4EPG	442.625 +	UNKNOWN	N
MEMPHIS	WF4G	442.825 +	UNKNOWN	N
MEMPHIS	WA4QWW	443.400 +	UNKNOWN	N
MEMPHIS	WA4KOG	443.000 +	UNKNOWN	N
MEMPHIS	KA0BRN	443.975 +	UNKNOWN	N
MEMPHIS	K4RDK	444.025 +	UNKNOWN	N
MEMPHIS	WA4KOG	444.400 +	UNKNOWN	N
MEMPHIS	K0JXI	444.600 +	UNKNOWN	N
MEMPHIS	K0JXI	444.800 +	UNKNOWN	N
MEMPHIS	K5FE	444.825 +	UNKNOWN	N
MEMPHIS	WB4NNE	444.950 +	UNKNOWN	N
#MORRISTOWN	KD4LP	444.800 +	UNKNOWN	N
PARIS/GROVE HL	WA4WKS	443.500 +	UNKNOWN	N
NASHVILLE	KD4EEW	439.250 +	UNKNOWN	N

VIRGINIA UNKNOWN REPEATERS

RICHMOND	WA4ONG	224.520 -	UNKNOWN	N

WEST VIRGINIA UNKNOWN REPEATERS

BUCKHANNON	N8ZAR	146.850 -	UNKNOWN	N
LEON	WD8OHX	147.180 +	UNKNOWN	N
#SALT ROCK	WD8MCR	145.110 -	UNKNOWN	N
SPENCER	WT8Z	147.105 +	UNKNOWN	N
ST MARYS/BENS R.	WB8ECC	147.030 +	UNKNOWN	N
WHEELING	WB8JGY	145.190 -	UNKNOWN	N
#LEON	WD8OHX	223.780 -	UNKNOWN	N
WESTON	N8FIP	443.975 +	UNKNOWN	N

REPEATER INDEX LISTINGS BY FREQUENCY

2 METERS

144.510 / 145.110		
KK4HL	AUGUSTA	GA
N4MXC	COCHRAN	GA
KR4HV	DOUGLASVILLE	GA
KC4UPE	LEESBURG	KY
K5HYE	MENDENHALL	MS
KC5NIX	OKOLONA	MS
W5WA	PASCAGOULA	MS
KB4TOH	COLUMBIA	NC
KD4MYE	YOUNGSVILLE	NC
WB4TWX	FORT MILL	SC
W4GS	MYR BCH/CONWAY	SC
NQ4Y	COOKEVILLE	TN
WD4SBX	GRAY	TN
N4ARK	NASHVLE/FAIRVIEW	TN
K4YPE	RICHMOND	VA
KB8SLH	BARTOW	WV
144.530 / 145.130		
K4SEX	NEWNAN	GA
KB0Y	VALDOSTA	GA
N4RBL	LOUISVILLE AREA	KY
KJ4VF	MOREHEAD	KY
W4ATC	RALEIGH	NC
K4JR	SUMTER	SC
K4CMY	CHATTANOOGA	TN
N4SSB	GALLATIN	TN
NU5O	MEMPHIS	TN
N4VL	GALAX/LKOUT MT	VA
N4YET	HARRISONBURG	VA
KB8EUN	GLENVILLE	WV
144.550 / 145.150		
W4AQL	ATLANTA	GA
K4YC	IVEY/MACON	GA
N4TLK	MONTICELLO	KY
AD4BI	PIKEVILLE	KY
K5LFP	PICAYUNE	MS
KE4ZTD	HATTERAS ISLAND	NC
W4NHV	#LUMBERTON	NC
WD4CVM	RANDLEMAN/GBO	NC
WD8OXE	INMAN	SC
W4RJC	#DECATUR-PONE KB	TN
W4XS	FRANKLIN	TN
WB4MJF	ARLINGTON	VA
K4ARO	GREENBAY	VA
KA4IXK	RADFORD/RINER	VA
WA8FSE	MARTINSBURG	WV
144.570 / 145.170		
WA4DIW	JONESBORO	GA
W8PRH	HALLS GAP	KY
N5DWU	PETAL	MS
K4ZO	ANDSN MT/DENVER	NC
N4CTJ	LELAND	NC
N4NCK	OXFORD	NC
KY4S	AIKEN	SC
NU5O	BRUCETON	TN
WB4GBI	KNOXVILLE	TN
WB4LHO	MURFREESBORO	TN
WA4YVM	#FAIRFAX	VA
KM4DN	#FALLS CHURCH	VA
WA4ZUA	NORFOLK	VA
WV8B	BECKLEY/BOLT	WV
144.590 / 145.190		
WB6RTH	#ATLANTA	GA
WA4EQL	JESUP	GA
WB0QGH	LAWRENCEVILLE	GA
KB4SQI	SALYERSVILLE	KY
K5YD	BOONEVILLE	MS
W5CJR	HATTIESBURG	MS
KA4SQN	JACKSONVILLE	NC
WA4BVW	MT MITCHELL	NC
N0YVN	COLUMBIA	SC
N4OTT	CARTHAGE	TN
AD4QG	EVA	TN
KD4XX	JASPER	TN
WB3R	AMELIA	VA
KD4SZR	MOOREFIELD	WV
WB8YJJ	RICHWOOD	WV
144.610 / 145.210		
KC4RRO	EASTMAN	GA
W4PSZ	FAYETTEVILLE	GA
W8PRH	LEXINGTN/GRGTWN	KY
KB5IKR	MENDENHALL	MS
K4OLC	HIGH PEAK MTN	NC
WB4TQD	TRENTON	NC
KE4VD	LEXINGTON	SC
W4BBB	KNOXVILLE/RACK	TN
W2GLJ	MEMPHIS	TN
N4ARK	NASHVILLE	TN
W2MS	KILMARNOCK	VA
WB4QOJ	ROANOKE/POOR MT.	VA
N4RAG	WINCHESTER	VA
AD4NZ	WISE	VA
WB8FEQ	HUNTINGTON	WV
N4RAG	WINCHESTER, VA	ZZ
144.630 / 145.230		
WB4JEH	CONYERS	GA
KB0Y	CORDELE	GA
KS4BS	DALTON	GA
WD4COL	WAYNESBORO	GA
W8PRH	LOUISVILLE	KY
N4VBH	BEULAVILLE	NC
W4UNC	CHAPEL HILL	NC
W4BFB	CHARLOTTE	NC
KE4CES	JACKSON	TN
KB4KIE	MAYNARDVILLE	TN
N4CH	BEDFORD	VA
W4MT	NEWPORT NEWS	VA
N8FWL	BECKLEY/OAK HILL	WV
W9VMW	LOGANSPORT, IN	ZZ
144.650 / 145.250		
K4YC	IVEY/MACON	GA
KC4ZY	LEXINGTON	KY
N4GGD	GREENSBORO/LVLX	NC
WA4USN	CHARLESTON	SC
KD4YFB	UNION	SC
KT4WS	CARLISLE	TN
N4WXS	ERWIN/PINNACLE	TN
N4CZJ	BEAVERDAM	VA
KD8XK	BLUEFIELD	VA
KB8ODO	SOU. CHARLESTN	WV
144.670 / 145.270		
KT4X	SANDERSVILLE	GA
KE4PN	WALESKA/PNLGMT	GA
KD4BOH	ROCKPORT	KY
N5NBG	WALLS	MS
KB5DZJ	WIGGINS	MS
K4ROK	FARMVILLE	NC
WA4KNI	HNDSVL/BRWLW MT	NC
KM4AR	MIDWAY	NC
KC4GYM	COLUMBIA	SC
WB4WZK	HENDERSONVILLE	TN
KD4CLA	#PIGEON FORGE	TN
KB4OB	#KING GEORGE	VA
KC4SKE	MARION	VA
N8FMD	BIRCH RIVER	WV
144.690 / 145.290		
W4IBM	ATLANTA	GA
NA4I	AUGUSTA	GA
AB4MS	PERRY	GA
WD4ELX	LOUISVILLE	KY
N4VOS	STANTON	KY
KC5KLW	OXFORD	MS
WJ5L	VICKSBURG	MS
W4BFB	CHARLOTTE	NC
KO4XC	CLAYTON	NC
WN3X	COINJOCK	NC
N4GGD	GRENSBRO/UNCG	NC
W4AM	CHATTANOOGA	TN
WB4SQC	JOHNSON CITY/HOL	TN
N4UTN	RUSTBURG	VA
KA8ZXP	GLENVILLE	WV
144.710 / 145.310		
KC4WPM	BAKERSVILLE	NC
KD4JFN	#HAW RIVER	NC
KD4KOJ	BEAUFORT	SC
N4ROS	CHESTER	SC
WA4PNI	ATHENS	TN
KF4SC	JACKSON	TN
KC4ECD	LAFAYETTE	TN
KD4KWP	CHESTERFIELD	VA
N4FSC	DULLES AIRPORT	VA
N8FCJ	BECKLEY/LAYLAND	WV
KB8TJH	SHIRLEY	WV
144.770 / 145.310		
WD4IIP	LEXINGTON	NC
144.730 / 145.330		
WA4OGE	JONESBORO	GA
N4XGI	ST SIMONS ISLAND	GA
KF4INN	VERSAILLES	KY
N4DRL	BYHALIA	MS
KK5RK	GULFPORT	MS
N4VRD	MOUNT AIRY	NC
KK4YP	PIKEVILLE	NC
WA4DFP	BAMBERG	SC
WD4DBJ	CUMBERLAND CITY	TN
WA4TEM	KNOXVILLE	TN
KE4ZBH	FARMVILLE	VA
W4VB	NORFOLK	VA
WR8M	WILLIAMSON	WV
144.750 / 145.350		
W4DOC	ATLANTA	GA
W4FGQ	LOOKOUT MTN	GA
N4UL	#ELIZABETHTOWN	KY
KD4DAX	WILLIAMSBURG	KY
KA5WMH	OLIVE BRANCH	MS
N5ZMZ	UTICA	MS
WA4AOS	CHARLOTTE	NC
WD4JPQ	GREENVILLE	NC
KE4OVN	DRESDEN	TN
WD4JYD	NOLENSVILLE	TN
N4AZJ	BLAND	VA
AB4YR	SOUTH BOSTON	VA
KA3TQD	WARRENTON	VA
KA3TQD	WINCHESTER	VA
W8GK	CHARLESTON	WV
W8SP	FAIRMONT	WV
KA3TQD	HARPER'S FERRY	WV
144.770 / 145.370		
AA4UA	AUGUSTA	GA
KB4IZF	JASPER	GA
W4BKM	MACON	GA
KE4YVD	RICHMOND	KY
KA5NNX	HATTIESBURG	MS
N5PYQ	SOUTHAVEN	MS
N4AGN	N. WILKESBORO	NC
KC4JYP	OXFORD	NC
K4PPD	SHALLOTTE	NC
KB4KIE	KNOXVILLE	TN
WR3S	NASHVILLE	TN
W4HZL	GLOUCESTER	VA
KC4RBA	LYNCHBURG	VA
N8TNB	BECKLEY/EOC	WV
K8VNQ	PARSONS	WV
144.790 / 145.390		
K4HYB	GRIFFIN	GA
WF4N	#CENTRAL CITY	KY
KC4KDZ	FRANKFORT	KY
WD8IFH	SOU. PORTSMOUTH	KY
KB5KGE	JACKSON	MS
N4ZVN	MONROE/UCARS	NC
K4ITL	ROSEBORO	NC
WB4FOH	#CANADYS	SC
W4AM	CHATTANOOGA	TN
W4CUJ	GREENEVILLE	TN
WB4DOR	LEBANON	TN
K4ARO	ROA/POOR MTN	VA
WD8EOM	WESTON	WV
144.810 / 145.410		
W4PME	ATLANTA/BELL	GA
NA4I	AUGUSTA	GA
WA4MXO	JACKSON	KY
KC5IF	D'IBERVILLE	MS
N5DWU	MERIDIAN	MS
N4XO	HIGH POINT	NC
KA4KNU	WILLIAMSTON	NC
N4VIH	DOVER	TN
WB4NKM	GREENEVILLE	TN
NQ4Y	HOBBS HILL	TN
K5FE	MEMPHIS	TN
KF4ADM	WILLIAMSBURG	VA
N8FHE	BUCKHANNON	WV
WV8AR	LIBERTY	WV
W8IFL	UNION	WV
144.830 / 145.430		
K4LCI	ATLANTA	GA
KA4EIM	JESUP	GA
AA4RI	MACON	GA
KA5BEE	GLOSTER	MS
KU4W	#HARES	NC
K4QFQ	SPARTA/GREEN MT	NC
KF4GHC	GILBERT	SC
NU5O	BUCKSNORT	TN
WA4UCE	COOKEVILLE	TN
WB4YLC	KNOXVILLE	TN
AD4OV	COEBURN	VA
W4SQT	RICHMOND	VA
K8LG	MORGANTOWN	WV
144.850 / 145.450		
W4BOC	DECATUR	GA
KC4TX	LEXINGTON	KY
N5ZQC	SHARON	MS
WR4AGC	DURHAM	NC
K4GRW	NEWPORT	NC
KD4KAO	CLEMSON UNIVERSI	SC
K4SIR	BENTON	TN
KQ4E	MORRISTOWN	TN
KF4GHD	#MT PLEASANT	TN
AA4HQ	SALUDA	VA
N8LGY	GRANTSVILLE	WV
WB8SXZ	WELCH	WV
144.870 / 145.470		
KD4HMH	BONAIRE	GA
KF4UM	RICEBORO	GA
N4CLA	SWEAT MT/MARIETT	GA
WB4GGH	BRDSTOWN,NELSN	KY
WA4WMM	MAYSVILLE	KY
NU50	OXFORD	MS
W4OIX	KINSTON	NC
W4NC	SAURATOWN MT	NC
KN4RG	GAFFNEY	SC
KI4CB	MYR BCH/CONWAY	SC
WB4GBI	KNOXVILLE	TN
KF4RBR	MOUNTAIN CITY	TN
N4ARK	NASHVILLE	TN
WB4MJF	ARLINGTON	VA
N4ZCM	SOUTH HILL	VA
W8FG	DRENNEN	WV
144.890 / 145.490		
W4DV	AUGUSTA	GA
KA4WUJ	CORDELE	GA
W4LMA	MARIETTA	GA
W4KVK	HENDERSON	KY
WB4CWF	LEXINGTON	KY
N5DWU	RICHTON	MS
N5VGK	TUPELO	MS
NT4K	FRANKLIN	NC
WB4IKY	#GIBSONVILLE	NC
K4BWC	RALEIGH	NC
KA4ABW	RKY RDG/WALLACE	SC
WB4LHO	MCMINVL/SHT MT	TN
W8MOP	BLUEFIELD	VA
WA4OHX	HAMPTON	VA
W8MOP	BLUEFIELD	WV
WV8G	PARKERSBURG	WV
146.010 / 146.610		
W4CVY	COLUMBUS	GA
WB4JEH	CONYERS	GA
WD4KWV	CORBIN	KY
KC4FRA	MADISONVILLE	KY
KB5RQL	LAUREL	MS
K4SNI	GREENSBORO	NC
WD4JMS	NEW BERN	NC
WB4TOP	RALEIGH	NC
KC4WIF	ELLOREE	SC
W4NYK	GRNVLE/CSRS HD	SC
W4AM	CHATTANOOGA	TN
WA4PCD	NASHVILLE	TN
K4JP	ABINGDN/BRMLY MT	VA
WA4YSE	CHESAPEAKE	VA
W4WWQ	LYNCHBURG	VA
WB8MZI	GASSAWAY	WV
W8FZP	ROMNEY	WV
146.025 / 146.625		
WA4UPE	ATL/UNION CITY	GA
N4UJT	ELBERTON	GA
K4ULW	WEBSTER	KY
N4WET	BANNER ELK/SUGAR	NC
KE4EQJ	BUXTON	NC
KI4RR	LAURINBURG	NC
AC4IP	CHESTER	SC
WB4GBI	KNOXVILLE	TN
N4ABU	MARTIN	TN
N9EBJ	ARLINGTON	VA
KE4FM	NEW MARKET	VA
WV8B	FLAT TOP/WINTRPL	WV
146.040 / 146.640		
WB4QGR	ATLANTA	GA
W4FWD	CARROLLTON	GA
AE4PO	WAYCROSS	GA
WA4UXJ	CANE VALLEY	KY
WA4YZY	#PINEVILLE	KY
KB5RZP	MADISON	MS
WB4YAO	HENDERSONVILLE	NC
W4DW	RALEIGH	NC
W4NC	WINSTON-SALEM	NC
W4GL	SUMTER	SC
KA4QYI	HARRIMAN	TN
WB4NTM	NASHVILLE W	TN
W4WIC	FINCASTLE	VA
N4QLF	MARION	VA
WB4QEY	RICHMOND	VA
WB8EZR	HUNTINGTON/CHAS	WV
146.055 / 146.655		
N4NFP	ATLANTA/MARIETTA	GA
WD4MNI	BOWLING GREEN-SO	KY
WD4DZC	DANVILLE	KY
K4CUW	PADUCAH	KY
K4CEB	CONCORD/KANNAP.	NC
WA4VTX	ELIZABETH CITY	NC
KD4KOJ	BEAUFORT	SC
KD4AOK	BROWNSVILLE	TN
KM4ME	LAWRENCEBURG	TN
W4OLB	MARYVILLE/ALCOA	TN
WD4PDP	ALEXANDRIA	VA
WA4ISI	ALTAVISTA	VA
N8ZPX	FLATWOODS	WV
N8SNW	IAEGER	WV
KB8BUC	UPPER TRACT	WV
146.060 / 146.660		
W4BKM	MACON	GA
146.070 / 146.670		
W4ABP	GAINESVILLE	GA
K4VHF	HAZARD	KY
W4KBL	PRINCETON	KY
KB5ZCX	PURVIS	MS
K4FHB	BURLINGTON	NC
WA4BKU	FOREST CITY	NC
AD4DN	WILMINGTON	NC
AD4U	ST. MATTHEWS	SC
W4UD	BRISTOL	TN
K4BGW	LAFOLLETTE/WMT	TN
WB4NTM	NASHVILLE W	TN
K4HZS	DUBLIN	VA
W4NTG	WILLIAMSBURG	VA
WD8JNU	RAVENSWOOD	WV
146.085 / 146.685		
WD4IWL	ADAIRSVILLE	GA
KB4VAG	FAYETTEVILLE	GA
KE4ISR	LEXINGTON	KY
K4DC	OWENSBORO	KY
W4NBR	GRIFTON	NC
KE4WSX	STATESVILLE	NC
KB4CO	NEWBERRY	SC
WA1ZMS	BEDFORD/APL ORCH	VA
K4HTA	VIENNA	VA
N8FMD	CLARKSBURG	WV
WB8NAM	DANVILLE	WV
146.100 / 146.700		
W4MM	ALBANY	GA
W4OOM	JASPER	GA
WB4DOJ	MILLEDGEVILLE	GA
KK4TO	SAVANNAH	GA
KY4KY	BROOKS	KY
KF4JO	GRAYSON	KY
WB4FUR	BAY ST. LOUIS	MS
W5LV	GRENADA	MS
W5FQ	MERIDIAN	MS
KD4GLB	CROSSNORE	NC
N4CID	DUNN	NC
W4PAX	LANCASTER	SC
KF4FOF	PICKENS	SC
KF4BVQ	ANDERSON CTY	TN
W4UOT	MANCHESTER	TN
WB4MMI	RAMER	TN
K4AU	DANVILLE/WHT OAK	VA
KF8PT	NORFOLK	VA
KK4QS	PENNINGTON GAP	VA
W4XD	STAUNTON	VA
146.110 / 146.710		
KF4FO	HOPKINSVILLE	KY
146.115 / 146.715		
K4NVG	LAVONIA	GA
W4ABZ	RINGGOLD	GA
KI4B	BEREA	KY
N4GGN	MILLERS CREEK	NC
KB4JUB	SALTILLO	TN
AB9I	BLACKSBURG	VA
WA4TXE	STERLING	VA
KA4DZU	WALKERTON	VA
KD8GL	SHERRARD	WV
146.130 / 146.730		
W4MM	ALBANY	GA
KD4NC	ATLANTA/SWEAT MT	GA
K4TVE	BRUNSWICK	GA
AC4AO	LEXINGTON	KY
AA4NI	#NEBO	KY
KC5IF	BILOXI	MS
W5VZF	STARKVILLE	MS
K4BWC	RALEIGH	NC
W4EXU	SALISBURY	NC
W4VNK	WILMINGTON	NC
K4NAB	N. AUGUSTA	SC
WD4BJY	SIMPSONVILLE	SC
WB4IOB	KNXVL/ENG MT	TN
KE4LFZ	MEMPHIS	TN
WA4KPA	WATERTOWN	TN
W4QR	HAMPTON	VA
WB8SPW	LEWISBURG	WV
146.145 / 146.745		
WA4BKF	ATHENS	GA
WA4TTC	GREENVILLE	KY
KD4RTR	MILLARD	KY
NN4N	DILLON/PEE DEE	SC
K4ROA	ROANOKE/POOR MT	VA
KK3L	BERKELEY SPRINGS	WV
WF8U	PARKERSBURG (OH)	WV
146.160 / 146.760		
KS4QA	LOOKOUT MTN	GA
W4BOC	STONE MT	GA
KF4BJM	VALDOSTA	GA
K4KJQ	LEXINGTON	KY
K4CUW	PADUCAH	KY
W5AXQ	JACKSON	MS
WA4BVW	ASHVL/MT PISGAH	NC
N4GGD	GREENSBRO/BSUM	C
KO4S	SWANSBORO	NC
WB4THL	WILSON	NC
K4ESG	MT PLEASANT	SC
K4JP	BRISTOL/HLSTN MT	TN
WA4PCD	NASHVILLE	TN
WA4TFZ	CHARLOTTESVILLE	VA
KB4ZIN	WILLIAMSBURG	VA
W8VA	HUNTINGTON	WV
W8CUL	MORGANTOWN	WV
W8ZQ	WHEELING	WV
146.175 / 146.775		
N4NFP	MARIETTA	GA
KB4NA	WRENS	GA
W4PPM	MIDDLESBORO	KY
KJ4OG	TOMPKINSVILLE	KY
AE4SK	VANCEBURG	KY
W5CJR	HATTIESBURG	MS
KD4RAA	RALEIGH	NC
K4JYH	SOUTHPORT	NC
KF4GHC	FORT JACKSON	SC
NU5O	FRUITLAND	TN
KF4KVF	PULASKI/MUSIC MT	TN
WB3T	WYTHEVILLE	VA
KB8BWZ	ELKINS	WV
146.190 / 146.790		
KD4GEY	FOLKSTON	GA
WD4KOW	MOULTRIE	GA
K4SEX	NEWNAN	GA
W4YWH	HIGHLAND HEIGHTS	KY
KA4UHL	NANCY	KY
K4OAR	CLINTON	NC
KK4AT	SAURATOWN MT	NC
N4AW	ANDERSON/SAS MT	SC
WA4USN	CHARLESTON	SC
W4AM	CHATTANOOGA	TN
W4ABR	JOHNSON CITY	TN
WA4HBY	MEMPHIS	TN
W4SQE	NASHVILLE	TN
N4SD	CHESAPEAKE	VA
W4LBL	FAIRFAX	VA
NM8T	OAK HILL	WV
146.205 / 146.805		
KC4ZGR	MACON	GA
KA4NNE	GUTHRIE	KY
W8PRH	HAZARD	KY
KJ5OB	VICKSBURG	MS
K4GNC	GASTONIA/CROWDR	NC
W4DCG	ROCKY MOUNT	NC
WM3O	ORANGEBURG	SC
WB4VXX	#LEWISBURG	TN
KB6BUL	SELMER	TN
WA4HTI	COVINGTON	VA
147.405 / 146.805		
KC4AQS	CALHOUN/JASPER	GA
KC4ZZC	CANTON	NC
146.220 / 146.820		
W4MM	ALBANY	GA
W4DOC	ATLANTA	GA
K4HVK	KIBBEE	GA
KF4DKJ	DRAKESBORO	KY
WB4AIA	IRVINE	KY

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

K5HYE	MAGEE	MS
WB4PZA	ROARING GAP	NC
K4GMP	WILMINGTON	NC
W4NYK	GRNVLE/PARIS MT	SC
W4BS	MEMPHIS	TN
AB4SW	WINCHESTER	TN
N4WWB	GATE CITY	VA
W4ML	MECHANICSVILLE	VA
W4RKC	WINCHESTER	VA
WB8IFS	CHARLESTON	WV
146.235 / 146.835		
KC4GSS	THOMSON	GA
KC4ZOX	SALVISA	KY
WB4PLA	#ASHEVILLE	NC
W4PCN	NAGS HEAD/BODIE	NC
W4USH	WADESBORO	NC
KT4YW	CHARLESTON	SC
KB4YTM	HUNTINGDON	TN
W4LYR	WATERTOWN	TN
KK4EH	GRUNDY/BIG A MT	VA
N4UTN	RUSTBURG/LONG MT	VA
147.435 / 146.835		
N4KHQ	DAHLONEGA	GA
N5DWU	ELLISVILLE	MS
N4NNR	HIGH POINT	NC
146.250 / 146.850		
W4RPO	DALLAS	GA
N4TBP	SAVANNAH	GA
KF4KVE	WARNER ROBINS	GA
KM4IV	PIKEVILLE	KY
K5JMD	BUDE	MS
K4CYP	GOLDSBORO	NC
WA4DSZ	HICKORY/BRT. MT	NC
KE4YVP	REIDSVILLE	NC
W4ULH	FLORENCE	SC
WA4KJH	GTLBG/COVE MTN	TN
W4AY	NASHVILLE	TN
W4POX	PORTSMOUTH	VA
WA4ZBP	STAUNTON	VA
WA8WDK	BECKLEY/FLAT TOP	WV
146.265 / 146.865		
WB4DKY	#MADISON	GA
KD4PWK	MADISON CO RACES	KY
KM4OF	OWENSBORO	KY
KD4HLH	LAURENS	SC
AC4AA	CROSSVILLE	TN
KN4KP	TRENTON	TN
W4TLQ	LOVETTSVILLE	VA
KC4UBU	WISE	VA
147.465 / 146.865		
N5DWU	ELLISVILLE	MS
KE4EUH	MURPHY/STALCUP	NC
WA4ZRS	WAXHAW	NC
WZ8E	MOUNTAIN LAKE	VA
146.280 / 146.880		
W4BTI	MARIETTA/ATLANTA	GA
WA4NKL	QUITMAN	GA
W4HBB	SAVANNAH	GA
W4PF	LOUISVILLE	KY
N4AI	SOMERSET	KY
K5QNE	JACKSON	MS
WB4TQD	RALEIGH	NC
W4NYR	SHELBY	NC
WB4FOH	#ORANGEBURG	SC
WA4ETE	MEMPHIS	TN
WA4PCD	NASHVILLE	TN
W4SKH	OAK RIDGE	TN
WD4CYZ	BRISTOL	VA
W4RAT	RICHMOND	VA
WA4V	SALEM	VA
WB8CQV	SO. CHARLESTON	WV
146.295 / 146.895		
WA4RBS	HARTWELL	GA
N3SM	MACON	GA
K4JBV	FLORENCE	KY
KA4BLZ	LYNN GROVE	KY
KA4ABW	PAGELAND/HIPOINT	SC
WD4EGD	DANDRIDGE	TN
N4RAG	#CHARLOTTESVILLE	VA
N4RAG	HARRISONBURG	VA
WA4KXV	VIRGINIA BEACH	VA
WB3T	WYTHEVILLE/BLAND	VA
147.495 / 146.895		
WD4LUQ	DALLAS	GA
KC4KZT	DORTON	KY
N5DWU	ELLISVILLE	MS
146.300 / 146.900		
WB4WVH	IRVINGTON	KY
146.310 / 146.910		
WB4HIG	CLEVLND/LONG MTN	GA
K4HYB	GRIFFIN	GA
K4GFY	MOREHEAD	KY
K5VV	HERNANDO	MS
WA4ZGQ	AHOSKIE	NC
W4MOE	ASHVL/SPIVEY MT	NC
WB4YZF	FAYVLLE/CFARS	NC
K4IZM	LEXINGTON	NC
W4BWZ	WHITE HALL	SC
KC4ROG	KNOXVILLE	TN
N4RKM	FARMVILLE	VA
K4TUE	MT.LAKE/BALD KNB	VA
W4XG	TYSONS CORNER	VA
N8BQ	MCMECHEN	WV
146.325 / 146.925		
WA4ASI	COVINGTON	GA
N4PJR	JESUP	GA
W4BEJ	RADCLIFF	KY
WB5VOJ	CORINTH	MS
N5DWU	VOSSBURG	MS
KI5WK	WAYNESBORO	MS
KA4ABW	LUCKNW/BISHOPVL	SC
W4GZX	CLEVELAND	TN
WD4OBW	JONESBOROUGH	TN
WA4TFZ	CHARLOTTESVILLE	VA
WB4GJG	DANVILLE(DCC)	VA
WD8OGY	PRINCETN/PIPEST	WV
146.340 / 146.940		
KT4N	AUGUSTA	GA
W4VO	ROME/MT. ALTO	GA
WA4RVB	WRIGHTSVILLE	GA
KA4OIL	ASHLAND	KY
KY4X	#GLASGOW	KY
K4MSU	MURRAY	KY
KB5DWX	AMORY	MS
KA5SBK	JACKSON	MS
K5JMD	MCCOMB	MS
W4DLH	BURGAW	NC
WA4IZG	#BUTNER	NC
W4BFB	CHARLOTTE	NC
W4ACY	MANTEO/WANCHSE	NC
AC4NZ	MOUNT AIRY	NC
W4IQQ	GREENVILLE	SC
WB4GBI	KNOXVILLE	TN
N4BSM	MEMPHIS	TN
KE4ZN	#QUANTICO	VA
K4UMI	HAMPTON	VA
W4ZA	RICHMOND	VA
N4AP	ROANOKE	VA
KD8AB	FENWICK	WV
W8CWO	WEIRTON	WV
146.355 / 146.955		
K5PRE	BLAIRSVILLE	GA
AC4MU	PERRY	GA
N4EQT	LAWRENCEBURG	KY
N5EKR	ELLISVILLE	MS
KD4WAR	BURNSVILLE	NC
KF4FOI	ROCKINGHAM	NC
NT4L	NASHVILLE	TN
WZ8E	BLUEFIELD/ONEIDA	VA
146.370 / 146.970		
W4HBB	SAVANNAH	GA
K4DPP	#HENDERSON	KY
W8PRH	STANTON	KY
N5PH	PASCAGOULA	MS
N5EYM	WINONA	MS
N4XRY	MOUNT AIRY	NC
KD4JQ	SMITHFIELD	NC
WB3AZH	???	SC
N4AW	ANDERSON	SC
W4GEY	FLORENCE	SC
W4TRC	KNGSPT/BAYS MT	TN
WD4MWQ	MCMINNVILLE	TN
W4SKH	OAK RIDGE	TN
WA4FPM	MANASSAS	VA
W4WRN	STAUNTON	VA
WA4KXV	VIRGINIA BEACH	VA
KJ8E	LOGN/WARD RK MT	WV
N8NBL	PARKERSBURG (OH)	WV
146.380 / 146.980		
W4BEJ	ELIZABETHTOWN	KY
146.385 / 146.985		
NA4I	AUGUSTA	GA
KC4ZGN	ELLIJAY/TALONA M	GA
KN4FE	WARM SPRINGS	GA
N4SEI	#JOHNATHAN CRK	KY
N5LRQ	COLLINS	MS
KB5DMT	SENATOBIA	MS
K4OGB	ALBEMARLE	NC
KC4PRD	NASHVILLE	TN
KK4MW	DANTE/HAZEL MTN	VA
W4CA	ROANOKE/POOR MT	VA
N8EIV	CHARLES TOWN	WV
KF8LL	NEW MARTINSVILE	WV
146.390 / 146.990		
WB4LBI	#NICHOLASVILLE	KY
146.400 / 147.000		
K5UFH	CORINTH	MS
N5DXM	#WATER VALLEY	MS
WD4FVO	JACKSONVILLE	NC
W4YLT	MARION	SC
WB4YXZ	PICKENS	SC
KD4CWB	#KNOXVILLE	TN
W4ZJM	MEMPHIS	TN
WA4HMT	SUFFOLK	VA
K8WMX	ST ALBANS	WV
147.600 / 147.000		
KE4LR	SHELBYVILLE	KY
KG4M	WILLIAMSBURG	KY
W5IQ	JACKSON	MS
K4AZA	THOMASVILLE	NC
WA4CBX	BLOUNTVILLE	TN
WD4SGA	CLARKSVILLE	TN
KA6UHV	COLLEGEDALE	TN
KD8ZR	TERRA ALTA	WV
146.415 / 147.015		
N4GIS	CARTERSVILLE	GA
N4YSB	YADKINVILLE	NC
AB4M	LYNCHBURG	VA
K4AXO	NORTON/HIGH KNOB	VA
147.615 / 147.015		
KM4DT	BONAIRE	GA
KF4UM	HINESVILLE	GA
AD4RU	IRVINE	KY
N5JHK	MONTICELLO	MS
KF4OGO	LINCOLNTON	NC
KD4MYE	RALEIGH	NC
W4GL	SUMTER	SC
KJ4ZQ	NASHVILLE	TN
AA4KS	ROCKWOD/MT ROOS	TN
NU5O	UNION CITY	TN
WB4LNT	FREDERICKSBURG	VA
AA8TH	RICHWOOD	WV
146.430 / 147.030		
K4YTZ	ROCK HILL	SC
WA4JST	RICHMOND	VA
147.630 / 147.030		
W4REI	ATLANTA/AIRPORT	GA
KD4ULE	HOPKINSVILLE	KY
W4PJZ	LOUISVILLE	KY
W5LDD	OCEAN SPRINGS	MS
W4GG	GREENSBORO	NC
KB4DJT	ROANOKE RAPIDS	NC
KF4CVO	BARNWELL	SC
KF4APS	N. MYRTLE BEACH	SC
KA4WOG	FAYETTEVILLE	TN
W4EM	MEMPHIS	TN
KQ4E	MORRISTOWN	TN
KC8IT	MULLENS	WV
147.640 / 147.040		
KT4JW	WINFIELD, AL	ZZ
146.445 / 147.045		
K4AIH	ANDREWS/ROBINSV	NC
147.645 / 147.045		
K4SES	DOUGLAS	GA
KD4AOZ	WATKINSVILLE	GA
KJ4VF	GRETHEL	KY
KB5LCL	POLKVILLE	MS
W4NHV	LUMBERTON	NC
KO4BU	STATSVL/ASBRY MT	NC
AD4QX	LIVINGSTON	TN
WA4YVM	ARLINGTON	VA
WD4FOZ	STAUNTON/EL. KB	VA
WA4SBC	VIRGINIA BEACH	VA
KF4DWF	DELAND, FL	ZZ
146.460 / 147.060		
W4CQ	CHARLOTTE	NC
KF4AGO	SOUTH BOSTON	VA
KA8PNC	PRINCETON	WV
147.660 / 147.060		
WA4DDI	MACON	GA
N4CLA	ROSWELL	GA
W4UCJ	THOMASVILLE	GA
N5OCF	RICHTON	MS
WA4LED	MACO	NC
KB4UG	GRNVLE/VIKING MT	TN
N4VFB	SHELBYVILLE	TN
WB4VWR	ENON	VA
N8ZAR	BUCKHANNON	WV
147.670 / 147.070		
N4NMC	LOUISVILLE	KY
147.675 / 147.075		
WD4JXR	LAWRENCEVILLE	GA
WB4CJB	PEMBROKE	GA
NC5Y	JACKSON	MS
K4ZO	NEWTON	NC
KD4JFN	PITTSBORO	NC
KT4BU		SC
WQ4E	GREENBRIER	TN
WB4GBI	KNOXVILLE	TN
NU5O	MCNAIRY	TN
AD4ZK	NORFOLK	VA
W4PNT	WAYNESBORO	VA
KE8MR	MORGANTOWN	WV
147.690 / 147.090		
KE4RWR	BAINBRIDGE	GA
KC4YHM	EATONTON	GA
KJ4YK	PHELPS	KY
KB5DSN	AMORY	MS
N5MRS	NEW HEBRON	MS
W4GDF	GREENVL/ESTN NC	NC
KF4ATU	ORANGEBURG	SC
K4JLA	SPARTANBURG	SC
K4NLP	JAMESTOWN	TN
N4VL	GALAX/BRIRP MT	VA
N4TZE	GOOCHLAND	VA
147.705 / 147.105		
WB4RTH	ATLANTA	GA
K9ZK	#HAWESVILLE	KY
N4EQT	LAWRENCEBURG	KY
KB5SAR	WAYNESBORO	MS
K4ITL	BROADWAY	NC
WA4KNI	HENDERSONVILLE	NC
KD4NEB	CLEVELAND	TN
K4TC	HENDERSON	TN
W4LYR	LEBANON	TN
WB4JBJ	BEDFORD	VA
147.720 / 147.120		
NI4S	AUGUSTA	GA
W4CMA	CEDARTOWN	GA
K4HCA	CLARKESVILLE	GA
KT4N	#LINCOLNTON	GA
KA4KMT	#LOUISVILLE	KY
WB4ASZ	WINCHESTER	KY
NO5N	ACKERMAN	MS
W4REW	GASTONIA/SPCR MT	NC
WN4Z	ROCKY MOUNT	NC
W4GS	MYRTLE BEACH	SC
KF4ADU	COLUMBIA	TN
N4WAH	MEMPHIS	TN
K4EAJ	OAK RIDGE	TN
AA4VI	CULPEPER	VA
WB8POC	PATRICK SPRINGS	VA
WB8DKM	BRIDGEPORT	WV
WB8NAM	MADISON	WV
147.735 / 147.135		
N4BZJ	DALTON	GA
KB0Y	LAKE PARK	GA
K4FRM	MILLEDGEVILLE	GA
KB5UIX	SOSO	MS
KE4ZIS	BREVARD	NC
KM4GN	WILMINGTON	NC
KF4GPE	CHESTERFIELD	SC
N4AZJ	PEARISBURG	VA
KC4VDZ	RICHMOND	VA
KE8MR	DAVIS	WV
147.750 / 147.150		
K4BYK	CUMMING/SAWNEE	GA
KI5WI	BOONEVILLE	MS
KF5IZ	PEARL/RANKIN CO	MS
K4VLY	MORGANTON	NC
WB4TQD	RALEIGH	NC
WD4NUN	MONCKS CORNER	SC
WA4PCD	NASHVILLE WEST	TN
K4EAJ	OAK RIDGE	TN
KB4RFN	CLINCHCO	VA
KM4FY	#RICHLANDS	VA
WA8YWO	RICHWOOD	WV
147.765 / 147.165		
WD4LYT	FAYETTEVILLE	GA
KF4XH	#MACON	GA
N4NEQ	MORGANTON	GA
WD4MNI	BOWLING GREEN	KY
WA4HBM	LEXINGTON	KY
WB4UBY	PRESTONSBURG	KY
KF4HFS	HIGH POINT	NC
KD4PBK	LUMBERTON	NC
KE4ZIU	GREENWOOD	SC
KF4BRS	ERWIN/UNICOI	TN
WA4CEX	PURYEAR	TN
KR4BT	#SPARTA/WHITE	TN
W8CXD	FOREST	VA
WB4CTF	NEWPORT NEWS	VA
NZ4N	WARRENTON	VA
WC8K	WESTON	WV
147.780 / 147.180		
WD4NHW	BALDWIN	GA
WB4BDP	WARNER ROBINS	GA
K4LRX	HENDERSON	KY
W4CN	LOUISVILLE	KY
K5LFP	#PICAYUNE	MS
KC5LIO	WEST POINT	MS
KD4GWH	MEBANE	NC
N4CTJ	WILMINGTON	NC
W4DXA	#FORT MILL	SC
WA4HNK	SUMMERVILLE	SC
WD4DES	CLEVELAND	TN
K4ZGA	NASHVILLE	TN
KB4YKV	AMELIA COURTHSE	VA
WD4ITN	MONTEREY	VA
WB3S	PKS KB/PULASKI	VA
WB9AEI	ANGOLA, IN	ZZ
W9VMW	LOGANSPORT, IN	ZZ
147.795 / 147.195		
K4JPD	ATLANTA	GA
W4UCJ	BOSTON	GA
KJ4VF	LEXINGTON	KY
KA5FYW	SUMRALL	MS
KO4CW	RALEIGH	NC
KC4FV	ARNOLD A.F.B.	TN
KD4CWB	KNOXVILLE	TN
WA4RTS	LYNCHBURG	VA
KF4ADJ	SMITHFIELD	VA
NV8H	LOGAN SOUTH	WV
147.810 / 147.210		
KF4GHF	#CONYERS	GA
KK4TO	SAVANNAH	GA
N4UDV	BLACK MOUNTAIN	KY
K4HY	OWENSBORO	KY
N5SPJ	UNION	MS
W4BUZ	GREENSBORO	NC
W4NTQ	WHITEVILLE	NC
N4WS	COOKEVILLE	TN
W4WKZ	JACKSON	TN
WD4IWG	MCLEAN	VA
KB8NJH	AMBER RIDGE	WV
N8FMD	CLARKSBURG	WV
147.825 / 147.225		
KA4LVY	SUMMERVILLE	GA
WB4AIA	#IRVINE	KY
N4DRL	BYHALIA	MS
WR4AGC	HILLSBOROUGH	NC
W4DTW	SANTEE	SC
KA4VXR	HAMPTON	VA
N4RAG	HARRISONBURG	VA
WB8NRK	PRINCETON	WV
KA1OKQ	CONCORD, NH	ZZ
N4RAG	HARRISONBURG, VA	ZZ
147.840 / 147.240		
AE4JO	EMERSON	GA
WB4NFG	IRWINTON	GA
KD4POG	#THOMASVILLE	GA
KF4DTJ	ASHLAND	KY
W4GZ	FARMINGTON	KY
KC4AI	FRANKFORT	KY
N5ELS	TUPELO	MS
W2SE	CARTHAGE	NC
W4SIJ	FOREST CITY	NC
W4GHZ	FRANKLIN	NC
W4ILN	HILTON HEAD	SC
AC4VT	LANCASTER	SC
WD4BKY	GALLATIN	TN
KD4ZTK	BOYDTON	VA
N4MGQ	ELK CRK/IRON MTN	VA
WB4FQR	WOODBRIDGE	VA
147.855 / 147.255		
WD4KDT	STONE MTN	GA
K4CO	HIGHLAND HEIGHTS	KY
KC5RC	LAUREL	MS
KJ4AV	ASHEBORO	NC
WA4KNI	HENDSVL/PENIC/MT	NC
W4RRC	LEESVILLE	SC
N4PYI	NASHVILLE	TN
KJ4SI	PETROS/FRZ HD MT	TN
K4BW	ACCOMAC	VA
WD4CYZ	#DANTE	VA
KC8CNL	HINTON	WV
WB8YZV	MARTINSBURG	WV
WA8LLM	PARKERSBURG	WV
147.870 / 147.270		
WD4EBB	AMERICUS	GA
WA1KMS	COVINGTON	GA
KD4ETF	ST. CHARLES	KY
WB5USN	ABERDEEN	MS
WB5YKR	VICKSBURG	MS
W4CQ	CHARLOTTE	NC
AK4H	RALEIGH BENSON	NC
N4SM	WAYNESVILLE	NC
WA4JRJ	SENECA/LONG MT	SC
WA4YQC	GALLATIN	TN
WB0TMC	JACKSON	TN
KE4FH	JOHNSON CITY	TN
WB4IKL	GUM SPRING	VA
KB4QWO	ROA/POOR MTN	VA
WV8AR	SCOTT DEPOT	WV
147.885 / 147.285		
WA4VBX	ATLANTA/GPCO	GA
KF4BPW	CHULA	GA
KC4WWU	KINGSLAND	GA
KC4ZFH	LONDON	KY
KB5TGA	CORINTH	MS
N4ADM	AIKEN	SC
N4LV	MYB BCH/BRKSVIL	SC
WD4MGM	#WHITE OAK MTN	SC
K4PUX	PIKEVILLE	TN
NU5O	SPOT	TN
KF4KVG	MARTINSVILLE	VA
KA4ZIP	WARSAW	VA
W8LG	PINEVILLE	WV
N8HON	SPRUCE KNOB	WV
WA9INM	PLYMOUTH, IN	ZZ
147.900 / 147.300		
N4ALE	COLBERT	GA
WB4YSV	ROME	GA
AC4MU	WARNER ROBINS	GA
K4ICN	ALLEN	KY
WA4SJH	SPRINGFIELD	KY
KA5LNY	MAGEE	MS
KK4X	JEFFERSON	NC
N4JEX	KANNAPOLIS	NC
W4MZP	RED SPRINGS	NC
WA4UQC	WILSON	NC
W4CAT	GALLATIN	TN
W4BBB	KNOXVILLE/RACK	TN
WA4ADT	MEMPHIS	TN
WA4TSC	BLUEMONT	VA
K4SPS	FRANKLIN	VA
KI4ZR	LEXINGTON	VA
WB8NSL	HARISVL/PENSBRO	WV
147.915 / 147.315		
KR4KS	#NORTH ATLANTA	GA
KC4TX	#HODGENVILLE	KY
KC4VXR	SALEM	KY
N5DWU	WAYNESBORO	MS
K4MPJ	SAURATOWN MT	NC
K4PPD	SHALLOTTE	NC
N4UZT	N. SPARTANBURG	SC
N4ARK	#MURFREESBORO	TN
KD4HZN	ROGERSVILLE	TN
W4HFH	ALEXANDRIA	VA
K4HWQ	GRUNDY	VA
N4YET	HARRISONBURG	VA
147.930 / 147.330		
KF4LAP	COCHRAN	GA
KK4TO	SAVANNAH	GA
KA4DIP	TOCCOA	GA
WA8KWH	ASHLAND	KY
KA4CFW	BOWLING GREEN	KY
WD4KNE	MT. STERLING	KY
KK5RK	MCHENRY	MS
W4LPL	FAYVLLE/FT BRAGG	NC
KN4K	LENOIR/HIBRITN	NC
KF4GHC	COLUMBIA	SC
KC4SBK	ATOKA	TN
W4PFP	LEBANON	TN
WD4ORB	MORGAN COUNTY	TN
KI4ZR	LEXNGTN/ROCK MT.	VA
147.945 / 147.345		
N4NEQ	ATLANTA/MARIETTA	GA
N4PJR	JESUP/SCREVEN	GA
KG5SF	GREENVILLE	MS
N5ZMZ	UTICA	MS
WA4IXW	#MADISON	NC
W4NYR	SHELBY	NC
WA4TEP	WASHINGTON	NC
KD4TXX	ADAMS RUN (CHAS)	SC

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KF4ADK	CHARLESTN AREA	SC
K4PHT	DAYTON	TN
NM4L	ABINGDON	VA
N4WAO	EASTVILLE	VA
KE4ZN	QUANTICO	VA
W3RUA	FRANKLIN	WV
NU8K	LOGAN/SUMERCO	WV
WB8VBW	MARTINSBURG	WV
147.960 / 147.360		
WA4CLC	DOUGLASVILLE	GA
WA4HZX	DUBLIN	GA
KQ9Z	LOUISVILLE	KY
W5CJR	HATTIESBURG	MS
KC5QGC	LOUISVILLE	MS
K5SVC	NATCHEZ	MS
WA4J	BOONE/RICH MTN	NC
WD4LDB	DURHAM	NC
W4PET	LUMBERTON	NC
W4BS	MEMPHIS	TN
WB4NTM	NASHVILLE	TN
K4KLX	PARIS	TN
KA4CBB	CHESTERFIELD	VA
KB4OLM	STUARTS DRAFT	VA
KA8GOH	MIDDLEBOURNE	WV
147.975 / 147.375		
K4TQU	ATHENS/CRAWFRD	GA
KD4ORB	DONALSONVILLE	GA
KB4VAK	LAFAYETTE	GA
N4TPL	MONTICELLO	KY
K4CO	WALTON	KY
KA5VFU	GULFPORT	MS
KD4WAR	BURNSVILLE	NC
K4GWH	GRAHAM	NC
KC4UMO	#GREENVILLE	NC
KI4CB	GEORGETOWN	SC
K4LEO	GREENVILLE	SC
KN4HL	DICKSON	TN
KB4ILD	LYNCHBURG	VA
W4NV	VIRGINIA BEACH	VA
WD8LNB	GRAFTON	WV
K8WMX	ST ALBANS	WV
147.990 / 147.390		
W4MMQ	HELEN	GA
W4OHH	THOMASTON	GA
WR8CRA	COVINGTON	KY
WD8ACR	CRESTWOOD	KY
N8QCW	LOUISA	KY
AB5SO	FOREST	MS
WA4CHZ	AQUADALE	NC
WB4IUY	CLAYTON	NC
K4PPD	SHALLOTTE	NC
KE4JMH	WAYNESVILLE	NC
KA4FEC	LEXINGTON	SC
AA4TA	#CLARKSVILLE	TN
K4DPD	DAYTON/RHEA CTY	TN
KQ4E	#MORRISTOWN	TN
WA4BJY	OAKFIELD	TN
K4ARO	PETERSBURG	VA
N8RCG	KEYSER	WV
WV8D	LEWISBURG	WV
WD8CYV	PARKERSBURG	WV
147.075 / 147.675		
N4CO	#GEORGETOWN	KY
220 MHZ		
223.220 / 53.130		
WA4CCF	ALEXANDRIA	VA
222.500 / 146.790		
W4LBL	FAIRFAX	VA
222.300 / 223.900		
WB4SJV	HERMITAGE	TN
222.340 / 223.940		
KF4DTJ	ASHLAND	KY
W4ZJM	MEMPHIS	TN
K9SP	BULL RUN MTN.	VA
222.380 / 223.980		
W4CAT	GALLATIN	TN
222.420 / 224.020		
WB4JEH	#CONYERS	GA
KC3BM	LEESBURG	VA
222.460 / 224.060		
W4NYR	SHELBY	NC
WB4MJF	ARLINGTON	VA
222.480 / 224.080		
WB4NTM	NASHVILLE	TN
222.500 / 224.100		
WS4F	BALDWIN	GA
KA4UHL	NANCY	KY
WB4YHD	FAIRFAX	VA
N4CH	ROANOKE	VA
222.520 / 224.120		
N4NFP	ATLANTA/MARIETTA	GA
AA8NA	MIDDLESBORO	KY
W4GL	SUMTER	SC
WV8B	FLAT TOP/WINTRPL	WV
222.540 / 224.140		
KD4ALC	WALESKA	GA
KB5SAR	WAYNESBORO	MS
WR4BEG	GREENSBORO	NC
WB4QHF	PICKENS/CSRS HD	SC
KB4PNG	ONEIDA	TN
KB4YQC	CHARLOTTESVILLE	VA
WR8M	WILLIAMSON	WV
K2AD	ALBANY, NY	ZZ
222.560 / 224.160		
KC4JNN	BISKEY MTN	GA
KN4K	LENOIR/HIBRITN	NC
WR3S	NASHVILLE	TN
222.580 / 224.180		
N4YDX	DALLAS	GA
KA4NRL	CHARLESTON	SC
KB8FPK	ERWIN	TN
WA1ZMS	BEDFORD/APL ORCH	VA
222.600 / 224.200		
KC4OVY	ATLANTA-NE	GA
AA4UA	AUGUSTA	GA
KM4GN	WILMINGTON	NC
W4ILY	GREENVILLE	SC
WA4CBX	BLOUNTVILLE	TN
W4JAS	HAMPDEN-SYDNEY	VA
WB4GUG	STUART	VA
222.620 / 224.220		
N4NEQ	ATLANTA/MARIETTA	GA
AD4CR	VERSAILLES	KY
NF4C	ROCKY MOUNT	NC
KB4FZK	KNXVL/CROSS MT	TN
KO4BN	SPRINGFIELD	TN
KC4MZN	BUCKS ELBOW	VA
222.640 / 224.240		
WA4KNI	HENDSVL/BERWLW M	NC
N8FWL	BECKLEY	WV
222.660 / 224.260		
KE4QFG	MARIETTA	GA
WA4BVW	ASHVL/MT PISGAH	NC
WR4AGC	HILLSBOROUGH	NC
N4PYI	SHORT MTN.	TN
222.680 / 224.280		
AB4M	LYNCHBURG	VA
222.700 / 224.300		
KA4MKT	LOUISVILLE	KY
N4AI	SOMERSET	KY
WA4WRS	BARIUM SPRINGS	NC
WD4FOZ	STAUNTON/EL KNOB	VA
222.720 / 224.320		
N4MTA	ACWORTH/ATL	GA
KA4SQN	JACKSONVILLE	NC
KJ4X	PICKENS/SASFR MT	SC
N4RAG	BUCK'S ELBOW	VA
222.740 / 224.340		
W4DOC	ATLANTA	GA
KF4NI	THOMASVILLE	NC
WB4GBI	KNOXVILLE	TN
KB4CVL	TYSONS CORNER	VA
222.760 / 224.360		
N4BZJ	DALTON	GA
WB4PAC	GRIMESLAND	NC
KA4TYO	MARSHALL	NC
WR3S	LAVERGNE	TN
N4RAG	LINDEN	VA
WB8YST	CHARLESTON	WV
222.780 / 224.380		
N4RBT	CLEVELAND	GA
N4OQJ	KNOXVILLE	TN
AA4QT	RIDGEWAY	VA
222.800 / 224.400		
N5EKR	ELLISVILLE	MS
W4BFB	CHARLOTTE	NC
WB4QHF	PICKENS	SC
WD4KHP	HAYMARKET	VA
222.820 / 224.420		
KD4AOZ	WATKINSVILLE	GA
AC4AO	LEXINGTON	KY
W4BS	MEMPHIS	TN
WD4KHP	HAYMARKET	VA
WD4GSM	NORTON/HIGH KNOB	VA
KC4J	PATRICK SPRINGS	VA
WD4KHP	TYSONS CORNER	VA
222.840 / 224.440		
N4NEQ	ATL/MARIETTA	GA
WB4GUG	GREENSBORO	NC
KN4CW	WEST SPRINGS	SC
KC4TFQ	#NASHVILLE	TN
N2FUV	SEVIERVILLE	TN
WD4KHP	FAIRFAX	VA
222.860 / 224.460		
N4BZJ	DALTON	GA
W4ABP	GAINESVILLE	GA
KB0Y	VALDOSTA	GA
KC4ZTJ	SHELBY	NC
WB4FUJ	LOVETTSVILLE	VA
222.880 / 224.480		
KE4IPX	NORCROSS	GA
WA4ZIA	LOCUST	NC
K4ZGA	NASHVILLE	TN
KD4HZN	#ROGERSVILLE	TN
222.900 / 224.500		
N4MTA	ACWORTH/ATL	GA
N4DRL	BYHALIA	MS
K4YNY	WILMINGTON	NC
W4BBB	KNOXVILLE/RACK	TN
K4RCA	MARTINSVILLE	VA
222.920 / 224.520		
KE4AIS	PINE LOG MTN	GA
KR4HJ	LEXINGTON	NC
K4RWN	LITTLE MTN	SC
WM4MD	JONESVILLE	VA
222.940 / 224.540		
N4YEA	DALLAS	GA
WA4BVW	MT MITCHELL	NC
WB4PVT	HAMPTON	VA
222.960 / 224.560		
W4DOC	ATLANTA	GA
KD4RXF	LANCASTER	KY
WB4YZF	FAYETTEVILLE	NC
KC4GYM	COLUMBIA	SC
AC4JF	NEWPORT	TN
222.980 / 224.580		
NX9O	ALPHARETTA	GA
KR4AA	ROCKY MOUNT	NC
WA4RQF	#WINSTON-SALEM	NC
KB4VFD	CROSS	SC
N4KFI	KNOXVILLE	TN
223.000 / 224.600		
N4GIS	CARTERSVILLE	GA
WB4PLA	ASHEVILLE	NC
KC4KUL	HIGH POINT	NC
WA4HMT	LAKE GASTON	VA
223.020 / 224.620		
W4PME	ATLANTA/BELL	GA
KD4DAR	PIKEVILLE	KY
KD4JFN	HAW RIVER	NC
WB4MWF	ARLINGTON	VA
W4GSF	GLOUCESTER	VA
223.040 / 224.640		
WB6RTH	#LOGANVILLE	GA
WA4PEN	RALEIGH	NC
WA4RQF	WINSTON-SALEM	NC
KC4SWI	COLUMBIA	SC
223.060 / 224.660		
W4BKM	MACON	GA
WA1YYN	EFLAND	NC
WB4PLA	MARS HILL	NC
N4LV	SUNSET BEACH	NC
WR3S	NASHVILLE	TN
WA4FPM	MANASSAS	VA
223.080 / 224.680		
N4BZJ	DALTON	GA
KA4RCL	WAYNESBORO	VA
223.100 / 224.700		
KE4ZTA	DALLAS	GA
N4RBL	LOUISVILLE AREA	KY
KD4GON	GALLITAN	TN
KD4IBW	SEVIERVILLE	TN
K4ARO	PETERSBURG	VA
223.120 / 224.720		
WA4DAN	TRENTON	NC
WD4KHP	RESTON	VA
WD4KHP	RESTON	VA
223.140 / 224.740		
N4KVC	DALTON	GA
N4NCK	OXFORD	NC
N4PYI	NASHVILLE	TN
N4WQJ	VIRGINIA BEACH	VA
223.240 / 224.740		
WD4KHP	HERNDON	VA
223.160 / 224.760		
W4BOC	STONE MT	GA
KB7BTU	PLYMOUTH	NC
W4EXU	SALISBURY	NC
WQ4E	GREENBRIER	TN
KD4IBW	MOORESBRG/SNED	TN
WA4TFZ	CHARLOTTESVILLE	VA
223.180 / 224.780		
KC4KLW	ROCKMART	GA
WB5OWY	VICKSBURG	MS
WA4WGY	EDEN	NC
KO4BR	ORANGEBURG	SC
K4VCM	CHATTANOOGA	TN
KE4FH	JC/BUFFALO MT	TN
WB4GJZ	WOODBRIDGE	VA
223.200 / 224.800		
KR4BD	LEXINGTON	KY
KD4WJD	WENDELL	NC
WQ4E	GREENBRIAR	TN
KD4IBW	SEVIERVILLE	TN
KA1OKQ	CONCORD, NH	ZZ
223.220 / 224.820		
KK4C	ATLANTA	GA
WR4MG	HAWKINSVILLE	GA
N4DWU	CANTON	NC
AD4BX	GREENSBORO	NC
WA4CCF	ALEXANDRIA	VA
N4YET	HARRISONBURG	VA
223.240 / 224.840		
WB6RTH	#ALPHARETTA	GA
AC4MU	WARNER ROBINS	GA
WA4DAN	GRIFTON	NC
KC4PRD	NASHVILLE	TN
N4PLV	BEDFORD	VA
223.260 / 224.860		
KC4JNN	ALPHARETTA	GA
K4GYR	SUMTER	SC
KQ4Q	PEARISBURG	VA
223.280 / 224.880		
WD4LUQ	YORKVILLE	GA
N4AI	SOMERSET	KY
N4DRL	#WARSAW	MS
K4AIH	ANDREWS/ROBINSV	NC
K4DQ	FANCY GAP	VA
223.300 / 224.900		
W4LMA	MARIETTA	GA
WD4SBX	GRAY	TN
AA4HQ	DELTAVILLE	VA
K4YDG	ROANOKE/TINKER	VA
223.320 / 224.920		
KD4JBQ	FORT MOUNTAIN	GA
KR4KS	SNELLVILLE	GA
W1IFL	RALEIGH	NC
W4NYK	GRNVL/DOWNTWN	SC
N8LGA	BLUEFIELD	VA
223.340 / 224.940		
WB4KXO	AUGUSTA	GA
N4GIS	WALESKA	GA
AD4RU	IRVINE	KY
N4JJ	FLORENCE	SC
WB4NKM	GREENEVILLE	TN
WA4PCD	NASHVILLE	TN
AB4EM	ROANOKE/CAHAS MT	VA
223.360 / 224.960		
PT2RFL	ATLANTA/MARIETTA	GA
K4JTX	CHERRYVILLE	NC
AA3CH	GOLDSBORO	NC
N4QVI	GREENSBORO	NC
223.380 / 224.980		
K4JSR	CUMMING	GA
N4CHP	FALLS CHURCH	VA
440 MHZ		
447.000 / 144.910		
KB4OB	KING GEORGE	VA
449.600 / 147.315		
W4HFH	ALEXANDRIA	VA
434.000 / 421.250		
W4ZTL	ATLANTA/BELL	GA
KK4TO	SAVANNAH	GA
KJ4SO	DURHAM TV HILL	NC
KO4AT	GREENSBORO	NC
N4CNN	GOOSE CREEK	SC
KD4JGV	JOHNSON CITY/BUF	TN
WA4GSS	HUNTINGTON	WV
KB8QHO	WHEELING	WV
439.250 / 421.250		
W4BEJ	ELIZABETHTOWN	KY
W4PPN	CHARLOTTE	NC
N4GUP	LEXINGTON	SC
WA4CDM	KNOXVILLE	TN
KJ4ZQ	NASHVILLE	TN
W4HTB	BOWLING GREEN	KY
KA5NOJ	GAUTIER	MS
KA5NOJ	WAYNESBORO	VA
WA4VHP	SAVANNAH	GA
W4NYR	#SHELBY	NC
426.250 / 439.250		
WA9GVK	ALEXANDRIA	VA
N4FHL	ROANOKE/POOR MT.	VA
446.700 / 441.700		
N4ZHC	CLINTON	NC
446.800 / 441.800		
KC4YNF	ACWORTH	GA
447.000 / 442.000		
WB6RTH	ALPHARETTA	GA
N4ORL	LOUISVILLE	KY
KF4BTL	MARYVILLE	TN
WA4HMT	GASBURG	VA
KB4OB	KING GEORGE	VA
W3CSG	WINCHESTER	VA
WB3T	WYTHE/WALKR MTN	VA
447.025 / 442.025		
WA4NMF	ATLANTA	GA
KE4VMN	#ASHEVILLE	NC
447.050 / 442.050		
N1KDO	MARIETTA	GA
KD4ADJ	LEXINGTON	KY
WA1YYN	EFLAND	NC
KD4XV	JASPER	TN
WB4SQC	JOHNSON CITY/HOL	TN
447.025 / 442.075		
W8BLA	ROSWELL	GA
447.075 / 442.075		
N4VOS	STANTON	KY
N5DWU	MONTICELLO	MS
KC4GYM	COLUMBIA	SC
KN4VY	DAYTON	TN
447.100 / 442.100		
WA4CNG	ATLANTA	GA
N4RBL	LOUISVILLE AREA	KY
WD4PAX	MILAN	TN
WA4TXE	STERLING	VA
447.200 / 442.100		
K1DF	UTICA, NY	ZZ
447.125 / 442.125		
KB4YFV	HILLSVILLE	VA
447.150 / 442.150		
N4SE	ROSWELL/BELL	GA
KD4RTR	DORTON	KY
W4UNC	CHAPEL HILL	NC
WJ9J	CHATTANOOGA	TN
KD4SUU	CHESTERFIELD	VA
447.175 / 442.175		
N4BZJ	DALTON	GA
K4NGQ	FRANKFORT	KY
KD4CRM	MARTINSVILLE	VA
447.200 / 442.200		
N3APR	DECATUR	GA
N5DWU	ELLISVILLE	MS
KS4SB	COLFAX	NC
KM4GN	WILMINGTON	NC
WD4SBX	GRAY	TN
WA4BJY	OAKFIELD	TN
447.225 / 442.225		
WB6RTH	#ATLANTA	GA
WJ9J	ROCKWOD/OZONE	TN
WB4GUG	STUART	VA
447.250 / 442.250		
KR4KS	#NORTH ATLANTA	GA
N5DWU	ELLISVILLE	MS
KB4PQA	GREENVILLE	SC
WD4DES	CLEVELAND	TN
WA4HTI	COVINGTON	VA
447.275 / 442.275		
K4VTT	MACON	GA
N4ZCM	AUBURN	NC
KE4PFW	HENDERSON	TN
447.300 / 442.300		
WB4IUY	WILSON	NC
KE2D	SUMMERVILLE	SC
KC4VDZ	RICHMOND	VA
W8LG	BECKLEY/BOLT	WV
447.325 / 442.325		
KE4MLW	MABLETON	GA
AA8NA	MIDDLESBORO	KY
N5DWU	ELLISVILLE	MS
WD4ICX	ASHEBORO	NC
447.350 / 442.350		
WD4NHW	BALDWIN	GA
KF5TU	LAKE GASTON	NC
WA4YGD	LINCOLNTON	NC
KD4JBY	SLANESVILLE	WV
KF5TU	DALLAS, TX	ZZ
447.375 / 442.375		
KE4QFG	MARIETTA	GA
KE4YRE	SHELBYVILLE	KY
W4RNR	SANFORD	NC
WA4PXV	WEST JEFFERSON	NC
447.400 / 442.400		
N4UER	WARM SPRINGS	GA
AA4XV	LATONIA	KY
KD4WJD	WENDELL	NC
WB4QHF	PICKENS/CSRS HD	SC
KF4YI	LYNCHBG/JACK MT.	VA
WD4IWG	WARRENTON	VA
447.425 / 442.425		
K4HCA	CLARKESVILLE	GA
KC4FIE	MADISONVILLE	KY
N4TZD	LEXINGTON	NC
447.450 / 442.450		
NE1H	SNELLVILLE	GA
KD4CLR	LOUISVILLE AREA	KY
KD4NEB	CLEVELAND	TN
WA3KOK	BERKELEY SPRINGS	WV
447.475 / 442.475		
K4NVG	LAVONIA	GA
N4ZKI	TRENTON	GA
KE4DGP	WILKESBORO	NC
447.500 / 442.500		
KE4PMP	MT. VERNON	GA
KF4LNY	TUCKER	GA
KB4RYM	LOUISVILLE	KY
K4GFY	MOREHEAD	KY
K4YNY	WILMINGTON	NC
WB4HAP	KNOXVILLE	TN
W4CA	ROANOKE/POOR MT	VA
447.525 / 442.525		
WB5TUF	ATLANTA	GA
KC4KMV	FORT WRIGHT	KY
447.550 / 442.550		
WB4JEH	CONYERS	GA
WD4ELX	LOUISVILLE	KY
WB4MMY	PITTSBORO	NC
W4RAT	RICHMOND	VA
447.575 / 442.575		
KD4JBQ	FORT MOUNTAIN	GA
AE4LW	MADISONVILLE	KY
WB4IVB	JONESVILLE	VA
447.600 / 442.600		
KD4FOC	DUBLIN	GA
WA4OKJ	MARIETTA	GA
KD4ADJ	MT STERLING	KY
WD4NWV	ANDREWS/ROBINVL	NC
N4SSB	GALLATIN	TN
K4ARO	PETERSBURG	VA
K4ARO	ROANOKE	VA
447.625 / 442.625		
W4ABP	GAINESVILLE	GA
KE4KIV	NEWTON	NC
N4LV	SUNSET BEACH	NC
447.650 / 442.650		
KE4FHN	DANIELSVILLE	GA
KS4QA	LOOKOUT MTN	GA
KD4GEU	ASHEVILLE	NC
WA1ZMS	BEDFORD/APL ORCH	VA
447.675 / 442.675		
KE4PVE	ATLANTA	GA
KD4BOH	ROCKPORT	KY
KD4RAA	CARY	NC
447.700 / 442.700		
KC4ZGN	ELLIJAY	GA
KK4TO	SAVANNAH	GA
KE4ZBI	ATOKA	TN
WA4PZN	SHELBYVILLE	TN
N4VG	ROANOKE/POOR MT.	VA
447.725 / 442.725		
KE4QFG	MARIETTA/ATL	GA
KB4YJ	LOUISVILLE	KY
N5LRQ	VOSSBURG	MS
WG4R	GREENSBORO	NC
KJ4BF	SIMPSONVILLE	SC
447.750 / 442.750		
N4EMM	CONYERS	GA
KM4GR	BAKERSVILLE	NC
447.775 / 442.775		
K4VJM	FLOWERY BRANCH	GA
KC4FIE	MADISONVILLE	KY
AE4PZ	MOUNTAIN REST	SC
KE4CIF	PULASKI	VA
447.800 / 442.800		

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4NFP	ATL/MARIETTA	GA
N4AAD	YADKINVILLE	NC
WD4LUR	LAKE CITY	TN
KB4MIC	GUM SPRING	VA
447.825 / 442.825		
K4DKI	CLAYTON	GA
KC4ENL	HAPEVILLE	GA
KT4PN	ONEIDA	TN
447.850 / 442.850		
WB0QGH	LAWRENCEVILLE	GA
W2HR	GILBERTSVILLE	KY
KA7JXU	BREVARD	NC
KO4CW	#RALEIGH	NC
KA4IXK	ROANOKE/POOR MT	VA
447.875 / 442.875		
PT2RFL	ATLANTA/MARIETTA	GA
N4IWK	MACON	GA
KB5ZCX	ROSE HILL	MS
KC4WHL	HARRIMAN	TN
447.900 / 442.900		
NZ3I	BUFORD	GA
AC4MU	WARNER ROBINS	GA
WB4AIA	IRVINE	KY
K4AZA	THOMASVILLE	NC
N4SSB	NEW DEAL	TN
KD4GCT	PINSON	TN
W4MT	NEWPORT NEWS	VA
447.925 / 442.925		
KC4YHM	EATONTON	GA
K4AE	LEXINGTON	NC
447.950 / 442.950		
AA4AI	ATHENS	GA
N4XGI	ST SIMONS ISLAND	GA
KF4CYI	TAYLORSVILLE	NC
AB4FU	LYNCHBURG	VA
447.975 / 442.975		
KB8KSP	ABINGDON	VA
448.000 / 443.000		
N4OGF	CHATSWORTH	GA
KK4YP	PIKEVILLE	NC
W4ZJM	MEMPHIS	TN
N4LXI	HERNDON	VA
KM4X	WHITETOP MTN	VA
WB8EZR	HUNTINGTON	WV
448.025 / 443.025		
WA4NMF	ATLANTA	GA
KD4IEZ	DUBLIN	GA
KE4OOL	LEXINGTON	KY
WB4IKY	BURLINGTON	NC
N4UAG	#KNOXVILLE	TN
KA8YEZ	WHEELING	WV
448.050 / 443.050		
NE1H	SNELLVILLE	GA
AA3CH	GOLDSBORO	NC
WB4PUB	#NASHVILLE	TN
K8WVA	MADISON	WV
448.075 / 443.075		
WA0HQQ	KENNESAW	GA
KC4ZIZ	MACON	GA
WR4BEG	SOPHIA/RANDLEMN	NC
KA4AZQ	KNOXVILLE	TN
448.100 / 443.100		
N4KHQ	DAHLONEGA	GA
K4DC	OWENSBORO	KY
KR4YR	SAURATOWN MT	NC
KA4JXT	MEMPHIS	TN
KB4NKO	CHESAPEAKE	VA
N4LJZ	DALE CITY	VA
N4LJZ	DALE CITY	VA
KN4YM	POWHATAN	VA
448.125 / 443.125		
KB4PQA	CRAB CREEK TWP	NC
WA4NNA	RALEIGH	NC
448.150 / 443.150		
KF4XH	BYRON	GA
W4PME	ROSWELL/BELL	GA
K8MHR	ST. ALBANS	WV
448.175 / 443.175		
N4GIS	WALESKA	GA
KC4COV	FLORENCE	KY
KD4HLH	LAURENS	SC
KC4J	PATRICK SPRINGS	VA
448.200 / 443.200		
WA4ZIA	#HAMLET	NC
KD2LH	YOUNGSVILLE	NC
KB4UG	GRNVLE/VIKING MT	TN
W4BS	MEMPHIS	TN
448.225 / 443.225		
KD4TAH	FRANKLIN	KY
KS4TO	WADDY	KY
N4ZCM	RALEIGH	NC
448.250 / 443.250		
KC4JNN	#BISKEY MTN	GA
KJ4VF	DORTON	KY
WD6GMQ	GRAINGERS	NC
N4JEX	KANNAPOLIS	NC
WA3KOK	BANCO	VA
448.275 / 443.275		
KC4KLW	ROCKMART	GA
WA4WTX	ROUGEMNT/RED MT	NC
WA4AWI	LEBANON	TN
448.300 / 443.300		
WB4VNT	ATHENS	GA
KB5DZJ	WIGGINS	MS
KC4SVQ	ARCHDALE	NC
KB4TOH	COLUMBIA	NC
KC4IEV	SPINDALE	NC
WA4KJH	GATLBG/COVE MT	TN
NM8T	OAK HILL	WV
448.325 / 443.325		
N4JMD	STOCKBRIDGE	GA
N4EQT	LAWRENCEBURG	KY
N4UTN	RUSTBURG/LONG MT	VA
448.350 / 443.350		
K4ULW	LOUISVILLE SW	KY
KC5NXB	PETAL	MS
N5WXD	WEST POINT	MS
N4JEX	KANNAPOLIS	NC
ND4N	GRNVLE/PARIS MT	SC
WA4AWI	DEASON	TN
KT4PL	ROGERSVILLE	TN
KA1OKQ	PETERBORO, NH	ZZ
448.375 / 443.375		
KC4AQS	CALHOUN/JASPER	GA
W1IFL	RALEIGH	NC
448.400 / 443.400		
KD4EKZ	CEDARTOWN	GA
WB4GWA	CONCORD	GA
N4TPL	MONTICELLO	KY
KD4ITB	RICH SQUARE	NC
WB4GUG	SAURATOWN MT	NC
AD4DN	WILMINGTON	NC
AC4WW	AIKEN	SC
WD4DBJ	CUMBERLAND CITY	TN
448.425 / 443.425		
KD4CPO	BRUNSWICK	GA
KD4RTR	MILLARD	KY
448.450 / 443.450		
WB5TUF	ATLANTA	GA
KB4VAK	HIGH PT/LOOKT MT	GA
AE4NU	COX'S CREEK	KY
N4VOZ	STATESVILLE	NC
KC4RBA	LYNCHBURG	VA
448.475 / 443.475		
KE4UIU	CANTON	NC
W4UNC	CHAPEL HILL	NC
WB4TWX	FORT MILL	SC
N8FWL	BECKLEY	WV
448.500 / 443.500		
N4MTA	MARIETTA	GA
WD9EQC	LOUISVILLE	KY
KF4BRO	MAYSVILLE	KY
WB4UBY	META	KY
AJ0X	LAUREL	MS
WD4PQZ	G'BORO/H'POINT	NC
KD4CWB	KNOXVILLE	TN
KM4FI	TYSONS CORNER	VA
448.525 / 443.525		
N4PQR	KNOXVILLE	GA
KC4KLW	ROCKMART	GA
N4EUX	LENOIR/CAJAH MTN	NC
KB4TLZ	KEYSVILLE	VA
448.550 / 443.550		
N4HZX	GRAEFENBURG	KY
KB5SAR	WAYNESBORO	MS
KC4XE	ROARING GAP	NC
KF4PGC	SMITHFIELD	VA
448.575 / 443.575		
KD4NTF	CEDARTOWN	GA
WA4PXV	#GRANDFATHER MT	NC
K4HA	RALEIGH	NC
KA6UHV	COLLEGEDALE	TN
W4LYR	LEBANON	TN
448.600 / 443.600		
KA4UHL	NANCY	KY
K5HYE	MENDENHALL	MS
N4DWU	MT MITCHELL	NC
W8CXD	FOREST	VA
448.625 / 443.625		
KD4KGR	GRAY	GA
W4UWH	JASPER	GA
W4EUS	RTP	NC
KE4EAN	COWPENS	SC
KA7UEC	COLLIERVILLE	TN
AD4QG	EVA	TN
KC4MJN	JAMESTOWN	TN
WZ8E	BLUEFIELD	VA
448.650 / 443.650		
KE4ZV	ATLANTA	GA
K4AIH	ANDREWS/ROBINSV	NC
KD4WAR	BURNSVILLE	NC
KD4DNY	GREENSBORO	NC
WA4AXH	NOLENSVILLE	TN
K4UMI	HAMPTON	VA
W9VMW	LOGANSPORT, IN	ZZ
448.675 / 443.675		
N4GWO	BARNESVILLE	GA
AD4LR	PARIS	TN
KD4IBW	SEVIERVILLE	TN
448.700 / 443.700		
W5CJR	HATTIESBURG	MS
WA4LBT	LOCUST	NC
WA4DOR	BARTLETT	TN
KB4OTK	LAFOLLETTE	TN
KB8UJG	PRINCETON	WV
448.725 / 443.725		
KB2DZA	CONYERS	GA
KE5LT	PICAYUNE	MS
K4GWH	GRAHAM	NC
N8SNY	WELCH	WV
448.750 / 443.750		
KL7TF	COVINGTON	GA
KF4BMG	MARIETTA	GA
KC4ZTI	GASTONIA/CROWDR	NC
WD4KZK	ROANOKE/AIRPORT	VA
448.775 / 443.775		
W4IXN	DULUTH	GA
KF4INN	VERSAILLES	KY
KD4JFN	HAW RIVER	NC
KF4Y	LAURENS	SC
KA4MHJ	SPENCER	TN
448.800 / 443.800		
N4NFP	ATLANTA/MARIETTA	GA
K4MSU	MURRAY	KY
KC4QZL	MORGANTON	NC
WA4HNK	SUMMERVILLE	SC
KA4AZQ	KNOXVILLE	TN
WA1ZMS	BEDFORD/APL ORCH	VA
W4POX	PORTSMOUTH	VA
AA4VA	WOODBRIDGE	VA
KA8OTX	OAK HILL	WV
448.825 / 443.825		
KD4WOU	MONROE	GA
N5ZNS	GLOSTER	MS
KC4KRM	SHELBYVILLE	TN
WB4KZI	PETERSBURG	VA
448.850 / 443.850		
KE4PN	#WALESKA	GA
WB4PQJ	BAGDAD	KY
KC4YOZ	DALLAS/CLT	NC
KE4OVN	DRESDEN	TN
KB4OB	#CHANCELLOR	VA
KQ4RX	DANVILLE	VA
KB8TGK	HUNTINGTON	WV
448.875 / 443.875		
KD4LXT	ATLANTA	GA
KC4KPW	PINEY KNOB	NC
KD4KPV	MCKENZIE	TN
W4DUM	WILLIS	VA
W8SP	FAIRMONT	WV
448.900 / 443.900		
N5DWU	WAYNESBORO	MS
KF4HFS	HIGH POINT	NC
KE4ZIU	GREENWOOD	SC
KD4HII	CHATTANOOGA	TN
N4EVG	CHESAPEAKE	VA
448.925 / 443.925		
KQ4XL	MONROE	GA
WA4LJU	RINGGOLD	GA
W5OXA	BILOXI	MS
KE4KNZ	MCEWEN	TN
KF4AGO	SOUTH BOSTON	VA
448.950 / 443.950		
KA4UFM	DECATUR	GA
KC4TX	CANE VALLEY	KY
N5ZDF	HAZLEHURST	MS
KM4GN	WILMINGTON	NC
KC4FV	ARNOLD A.F.B.	TN
N4ER	MEMPHIS	TN
448.975 / 443.975		
KB4NPO	REX	GA
KB5OXE	DERBY	MS
WA4WGY	EDEN	NC
WR3S	LAVERGNE	TN
KA4WJS	ROCKWOOD	TN
449.000 / 444.000		
WB4QDX	LAWRENCEVILLE	GA
WD4AFY	SAVANNAH	GA
AD4RU	IRVINE	KY
KG5YV	CLINTON	MS
KK4YP	SELMA	NC
N0YNV	BLYTHEWOOD	SC
WD4BKY	GALLATIN	TN
KD4CWB	KNOXVILLE	TN
WA4ETE	MEMPHIS	TN
KK4SN	PORTSMOUTH	VA
KC8IT	MULLENS	WV
449.025 / 444.025		
WA4NMF	LAWRENCEVILLE	GA
KD4JFN	HIGH POINT	NC
KC4WHL	HARRIMAN	TN
449.050 / 444.050		
N4NEQ	ATLANTA/MARIETTA	GA
KE4NLL	SALYERSVILLE	KY
K4OLC	TAYLORSVL/BARR M	NC
N4PYI	NASHVILLE	TN
KB4OLM	STUARTS DRAFT	VA
449.075 / 444.075		
AE4GU	CARROLLTON	GA
KB8SBN	INDEPENDENCE	KY
KD4BOH	ROCKPORT	KY
K4ZO	NEWTON	NC
KC4PDQ	MARYVILLE	TN
KD4TBC	GRETNA/SMITH MT	VA
K8OJC	HURRICANE	WV
449.100 / 444.100		
W4BKM	MACON	GA
WD4MNI	BOWLING GREEN	KY
N4UL	LOUISVILLE	KY
WR4AGC	DURHAM	NC
KC4AC	LANCASTER	SC
W4AM	CHATTANOOGA	TN
KE4FH	JOHNSON CITY	TN
KA4JXT	MEMPHIS	TN
WD4FOZ	STAUNTON/EL KNOB	VA
KB4ZIN	WILLIAMSBURG	VA
449.125 / 444.125		
KE4PVE	PENDERGRASS	GA
KC4ZY	LEXINGTON	KY
WB4GUG	MCLEANSVILLE	NC
KC4ECD	LAFAYETTE	TN
KA4JXT	MEMPHIS	TN
W8LG	BECKLEY	WV
N8RCG	KEYSER	WV
449.150 / 444.150		
W4PME	ATLANTA/BELL	GA
WB4IVB	MIDDLESBORO	KY
WD5BJT	CLERMONT HARBR	MS
WB5YCR	NEW ALBANY	MS
KE4GTM	GASTONIA/CROWDR	NC
W4GL	SUMTER	SC
WB4NTM	NASHVILLE	TN
WB4MJF	ARLINGTON	VA
KI4ZR	LEXNGTN/ROCK MT.	VA
KC8AOF	RIPLEY	WV
449.175 / 444.175		
KE4PVE	COVINGTON	GA
KC4COV	FLORENCE	KY
KC4NNN	KNOXVILLE	TN
W2GLJ	MEMPHIS	TN
WD4ICX	FANCY GAP	VA
N8FMD	CLARKSBURG	WV
449.200 / 444.200		
AE4GU	#GAINSVILLE	GA
KR4PF	MARION	KY
WB4KUC	PRESTONSBURG	KY
KE4QEA	#KING/SAURATOWN	NC
KM4GN	WILMINGTON	NC
KF4GHC	COLUMBIA	SC
N4ARK	NASHVILLE	TN
KD4HII	SODDY DAISY	TN
WB4VWR	ENON	VA
N8ZVK	FLATWOODS	WV
449.225 / 444.225		
WB4BDP	WARNER ROBINS	GA
KE4SJO	WOODSTOCK	GA
N4ARK	NASHVILLE	TN
WV8AR	CHARLESTON	WV
449.250 / 444.250		
W4BOC	DECATUR	GA
KF4DC	GLASGOW/CVCTY	KY
KK5RK	GULFPORT	MS
WA4KNI	HENDSVL/BERWLW	NC
WQ4E	GREENBRIER	TN
WA4TFZ	CHARLOTTESVILLE	VA
N8ZAR	BUCKHANNON	WV
449.275 / 444.275		
KE4BB	CULLODEN	GA
KE4SZI	DAWSON SPRINGS	KY
W4NC	WINSTON-SALEM	NC
W4GZX	CLEVELAND	TN
WA4AXH	LEBANON	TN
KE4RTQ	WALTHALL MILL	VA
N8FMD	BIRCH RIVER	WV
449.300 / 444.300		
AE4GU	CARROLLTON	GA
N4DRL	BYHALIA	MS
KC5RC	HEIDELBERG	MS
WA4VTX	#ELIZABETH CITY	NC
N4MNH	CHARLESTON	SC
WB4GBI	KNOXVILLE	TN
WA4BZU	NASHVILLE	TN
N4EFK	ASHBURN	VA
KI4ZR	LEXINGTON	VA
KD4NVM	MAPPSVILLE	VA
449.325 / 444.325		
KB5ZZC	COLUMBUS	MS
KB5KGE	JACKSON	MS
WA4QFV	WHITAKER MTN	NC
WA4BZU	CLARKSVILLE	TN
WB3T	WYTHEVILLE/SAND	VA
KA8ZXP	GLENVILLE	WV
449.350 / 444.350		
W4MMQ	HELEN	GA
KE4PVE	NEWNAN	GA
KB0Y	VALDOSTA	GA
K4CO	WALTON	KY
WB4IKY	GIBSONVILLE	NC
KR4LO	GRANTSBORO	NC
KA4KNU	#WILLIAMSTON	NC
WD4BKY	GALLATIN	TN
KD4CLA	PIGEON FORGE	TN
N4CH	BEDFORD	VA
WB8YST	CHARLESTON	WV
449.375 / 444.375		
KB4IZF	JASPER	GA
KD4DAR	PIKEVILLE	KY
KB5HAV	PEARL	MS
KB4YTM	HUNTINGDON	TN
N4OWU	FANCY GAP	VA
449.400 / 444.400		
AA4UA	AUGUSTA	GA
KD4YGK	SHEPARDSVILLE	KY
WB4YZF	FAYETTEVILLE	NC
KC4YOQ	FOREST CITY	NC
N4PYI	MT JULIET	TN
K4EAJ	OAK RIDGE	TN
WA4OHX	HAMPTON	VA
N8HON	MADISON	VA
WV8B	ALDERSON	WV
449.425 / 444.425		
WB4JWM	JULIETTE	GA
N4LGT	DEANE	KY
N4ZVN	MONROE	NC
KC4NNN	KNOXVILLE	TN
WA4ISI	ALTAVISTA	VA
KB8TJH	SHIRLEY	WV
449.450 / 444.450		
W4DOC	ATLANTA	GA
KO4OT	SIMPSONVILLE	KY
KB5LCL	JACKSON	MS
W4CQ	CHARLOTTE	NC
KE4JMH	WAYNESVILLE	NC
KM4GN	WILMINGTON	NC
W4CAT	GALLATIN	TN
WJ9J	SODDY DAISY	TN
W8MOP	BLUEFIELD	VA
KC4ASF	GOLDVEIN	VA
W8MOP	BLUEFIELD	WV
449.475 / 444.475		
KD4GEY	FOLKSTON	GA
N4CLA	SWEAT MT/MARIETT	GA
KF4QZN	MAMMOTH CAVE	KY
AD4BI	PIKEVILLE	KY
N4OOC	FLATTOP MNT/AVL	NC
KD4DNY	GREENSBORO	NC
N4ZKR	SUMMITVILLE	TN
AD4ZK	NORFOLK	VA
449.500 / 444.500		
W4MM	ALBANY	GA
WB5TUF	ATLANTA	GA
N4BZJ	DALTON	GA
K4GYR	SUMTER	SC
K4JP	BRISTOL/HLST MT	TN
KB4KSL	KNOXVILLE	TN
N4WAH	MEMPHIS	TN
K4HEX	LYNCHBRG/TOB MT	VA
W8HYX	HURRICANE	WV
449.525 / 444.525		
KD4IEZ	CHESTER	GA
WD4JXR	SNELLVILLE	GA
KJ4VF	GRETHEL	KY
N5NNI	NEW HEBRON	MS
WA4PEN	RALEIGH	NC
N4LV	MYB BCH/BRKSVIL	SC
KD4IBW	KNOXVILLE	TN
WA4BGK	NASHVILLE	TN
449.550 / 444.550		
WB4JEH	CONYERS	GA
K4DC	LEWISPORT	KY
KC4DUU	LEXINGTON	KY
KC5IF	N.BILOXI/D'IBERV	MS
WB4VTE	GASTONIA/SPCR MT	NC
KK4VM	ROANOKE RAPIDS	NC
NQ4Y	COOKEVILLE	TN
NU5O	MCNAIRY	TN
WA4PCD	#NASHVILLE	TN
W4QR	HAMPTON	VA
WA4RTS	LYNCHBURG	VA
449.575 / 444.575		
KD4RQJ	DOUGLASVILLE	GA
N4MVY	PHELPS	KY
KC5CLM	PORT GIBSON	MS
N4HAJ	KINSTON	NC
W4GS	MYRTLE BEACH	SC
W4BBB	KNOXVILLE/RACK	TN
WA4WCK	NASHVILLE	TN
449.600 / 444.600		
WA1KMS	COVINGTON	GA
WA4NKL	QUITMAN	GA
N4NMC	LOUISVILLE	KY
KC4FIE	MADISONVILLE	KY
WA4SJH	SPRINGFIELD	KY
KB5CO	JACKSON	MS
W4BFB	CHARLOTTE	NC
KC4WXA	OXFORD	NC
KT4YW	NORTH CHARLESTN	SC
WB4HAP	KNOXVILL/ENG MTN	TN
WA4AUX	PROSPECT	TN
N4YET	HARRISONBURG	VA
WC8K	WESTON	WV
449.625 / 444.625		
KM4DT	BONAIRE	GA
KB4QFL	HAWESVILLE	KY
N5OCF	RICHTON	MS
WB4DVN	LUMBERTON	NC
KD4KAO	CLEMSON UNIV.	SC
KD4TUD	JEFFERSON CITY	TN
N4TK	NASHVILLE	TN
WZ8E	BLUEFIELD	VA
AB4YR	SOUTH BOSTON	VA
449.650 / 444.650		
K4YC	IVEY	GA
N4IBW	SMYRNA	GA
WB4FUR	#STENNIS SPACE C	MS
N5NBG	WALLS	MS
NE4J	MIDDLESEX	NC
N4MME	#SALISBURY	NC
KM4GN	WILMINGTON	NC
WB4NKM	GREENEVILLE	TN
W4CAT	SHORT MT/MURFRE	TN
N4EHJ	RICHMOND/CHARVL	VA
449.675 / 444.675		
N4YTR	PEACHTREE CITY	GA
KC4VYX	ROBINSON CREEK	KY
KF4AWA	SALVISA	KY
N5PS	GREENVILLE	MS
KD4IL	CHARLOTTE	NC
KA4SQN	JACKSONVILLE	NC
KD4IHW	RESEARCH TRI PK	NC
W4GS	MYR BCH/CONWAY	SC
WA4PCD	NASHVILLE	TN
WD4MIZ	NORFOLK	VA
449.700 / 444.700		
WD4LUQ	DALLAS	GA

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WB4DOJ	MILLEDGEVILLE	GA
KF4BJM	VALDOSTA	GA
N5KOL	BOWLING GREEN	KY
NC5Y	JACKSON	MS
N4JEH	ROCKY MOUNT	NC
KM4AU	DANVILLE/WHT OAK	VA
N4WWB	GATE CITY	VA
K8LG	MORGANTOWN	WV
449.725 / 444.725		
KD4AOZ	WATKINSVILLE	GA
KY4K	HENDERSON	KY
KE4ISR	LEXINGTON	KY
W4ZCD	HICKORY FLAT	MS
KQ4LO	WINSTON-SALEM	NC
WA4AKM	FRANKLIN	TN
WB0TMC	JACKSON	TN
N4CKB	SEVIERVILLE	TN
KF8FO	KEENY MTN	WV
449.750 / 444.750		
N4ZRF	LAKEMONT	GA
KE4AIF	HOPKINSVILLE	KY
WB9SHH	MONTICELLO	KY
KK5RK	MCHENRY	MS
W5VZF	STARKVILLE	MS
KC4YOT	GASTONIA/CROWDR	NC
KD4JFN	PITTSBORO	NC
K4TC	HENDERSON	TN
N4PYI	MT JULIET	TN
WD4KQI	FOREST	VA
K4JYF	TYSONS CORNER	VA
449.775 / 444.775		
N4NEQ	ATLANTA/MARIETTA	GA
N4MXC	COCHRAN	GA
N4IWZ	ALLEN	KY
KC4UPE	NICHOLASVILLE	KY
W4ATC	RALEIGH	NC
WA4RQF	#WINSTON-SALEM	NC
WA4AKM	GALLATIN	TN
449.800 / 444.800		
WA4ASI	COVINGTON	GA
W4BEJ	ELIZABETHTOWN	KY
KB5CO	JACKSON	MS
WB4PMQ	GREENVILLE	NC
K4YEC	REIDSVILLE	NC
KN4RG	GAFFNEY	SC
N4PYI	NASHVILLE	TN
KB4MIC	OILVILLE	VA
WV8B	BECKLEY/OAK HILL	WV
W8CUL	MORGANTOWN	WV
449.825 / 444.825		
W4DOC	ATLANTA	GA
KC4UPE	BEATTYVILLE	KY
KC4VXR	SALEM	KY
KB5DSN	AMORY	MS
KF4UY	MT AIRY/FSH PK	NC
N4PYI	SMITHVILLE	TN
WA4ZBP	STAUNTON	VA
449.850 / 444.850		
N4BZJ	DALTON	GA
N4YXL	GREENSBORO	GA
KF4UM	HINESVILLE	GA
AA4NI	NEBO	KY
KC5LXF	PINOLA	MS
W4CQ	CHARLOTTE	NC
K4GMP	WILMINGTON	NC
WD4MWQ	MCMINNVILLE	TN
K7AG	MEMPHIS	TN
KA4ATI	#THOROUGHFARE	VA
WA4NDQ	NORTON/HIGH KNOB	VA
AB4SF	RICHMOND	VA
WD4KZK	ROANOKE/READ MT	VA
WJ8G	ELKINS	WV
AA8MR	HUNTINGTON/CHAS	WV
449.875 / 444.875		
KC4ELV	CONYERS	GA
KC4UPE	SALVISA	KY
N5HTQ	MCCOMB	MS
KD4RAA	RALEIGH	NC
KD4UWA	CHATT/MONTLAKE M	TN
WA4AKM	NASHVILLE	TN
KB4WTP	BIG "A" MTN	VA
449.900 / 444.900		
NA4I	AUGUSTA	GA
WA4DXS	ST MARYS	GA
WB4IVB	CORBIN	KY
W4YWH	HIGHLAND HEIGHTS	KY
N4DWT	ASHEVILLE	NC
WD4JMS	NEW BERN	NC
NE4J	WILSON	NC
WB4MMI	RAMER	TN
W4LYR	WATERTOWN	TN
N4XRY	FANCY GAP	VA
N8SCS	BELINGTON	WV
KE4QOX	LOGAN	WV
449.925 / 444.925		
WB4NFG	IRWINTON	GA
N4PJR	JESUP	GA
KY4X	GLASGOW	KY
KO4LI	OLIVE HILL	KY
N5PYQ	SOUTHAVEN	MS
WB5TTE	VICKSBURG	MS
KE4ZTD	HATTERAS ISLAND	NC
N4XRY	MOUNT AIRY	NC
AC4RZ	EASLEY/SAS MTN	SC
WA4AKM	COLUMBIA	TN
N4VIH	DOVER	TN
WB8BON	ROANOKE/TINKER M	VA
449.950 / 444.950		
AC4MU	PERRY	GA
N4DUE	#LEXINGTON	KY
N5VGK	TUPELO	MS
W4DW	APEX/RALEIGH	NC
WA1WXL	DALLAS/CHARLOTTE	NC
KF4GP	CLARKSVILLE	TN
WB8EYJ	CROSSVILLE	TN
W4WRN	STAUNTON	VA
WA4KXV	VIRGINIA BEACH	VA
WB8CQV	SO. CHARLESTON	WV
449.975 / 444.975		
K4TVE	BRUNSWICK	GA
KF4LAP	COCHRAN	GA
KF4DTJ	ASHLAND	KY
WB4CWF	NICHOLASVILLE	KY
KQ4ML	ASHEBORO	NC
KF4AAT	#NEWPORT CCARS	NC
KC4ZTJ	POLKVILLE	NC
WM3O	ORANGEBURG	SC
KQ4E	MORRISTOWN	TN
WA4AKM	NASHVILLE	TN
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N8EKT	WHEELING	WV

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	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

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NAME ____________ CALL ________

ADDRESS ____________

CITY ____________ STATE ______ ZIP ________

HOME PHONE #: (   ) ____________

E-MAIL ADDRESS: ____________

ARRL MEMBER: [   ] YES [   ] NO

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NAME ____________ CALLSIGN ________

ADDRESS ____________ CITY ____________ STATE ________ ZIP ________

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THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 11-97

Hams Build Weather Transmitter

-by Gary Pearce KN4AQ
NC ARRL Public Information Officer

Robeson County (NC) residents and schools have a much easier time hearing National Weather Service (NOAA) emergency weather radio broadcasts thanks to a new transmitter provided by Lumberton area Amateurs. The new system was dedicated at a dinner recently at the O.P. Owens Auditorium, in the Agricultural Extension building in Lumberton.

Until now, Robeson County had been in a "black hole" for radio reception of broadcasts on the NOAA radio network, according to ham radio operator Jim MacLeod. NOAA transmitters in Wilmington and Fayetteville in North Carolina, and Florence, South Carolina, were all just out of range for the VHF receivers designed to monitor the broadcasts which carry emergency alerts in the event of severe weather. Without the ability to receive the NOAA stations, residents and county officials were particularly concerned about the delay in relaying the alerts to schools. Weather warnings had to be relayed by telephone from the Sheriff's Dept., sometimes with considerable delay.

However, budget cutbacks at the National Weather Service made placing a transmitter in Robeson County impossible. That's when the area Hams stepped in to lend a hand. MacLeod, the Anateur District Emergency Coordinator for southeastern North Carolina, discussed the situation with Tom Mathason, a ham who was also a meteorologist at the National Weather Service office in Wilmington. Mathason worked through his office to secure funding for a telephone line that would bring in the Wilmington NWS broadcast.

MacLeod also called on assistance from Danny Hampton, K4ITL in Raleigh who works for a two-way radio service company. Hampton had provided assistance to the Robeson hams in the past, helping them acquire equipment and tower space for an emergency communications system. For the new NOAA transmitter, Hampton was able to negotiate a free lease for an antenna slot on the WFAY-TV Fox 62 tower in Lumber Bridge. Then he modified a transmitter and donated it to the effort, and finally installed it at the tower. The Robeson County Amateur Radio Club donated the antenna and ancillary equipment.

Before the transmitter was in place, the hams received a setback — NOAA funding for the telephone line from Wilmington had been cut.

Robeson County Emergency Manager David Carter called on 7th District Congressman Mike McIntyre for assistance. McIntyre had become very interested in the project because it would bring weather warnings to area schools, and he was able to get the funding restored.

The new transmitter operating on 162.525 MHz, and should cover Robeson and surrounding counties in North and South Carolina.

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Find the Full Member Repeater Application

In this issue of the Repeater Journal

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- New Products -

As advertised by individual Manufacturers

The ARRL announces several new books available from HQ or your local book dealer.

The 1998 HANDBOOK recently available sports a price decrease to $32.00. The 75th Anniversary Edition has gone back to the soft cover, the software disc has been eliminated, but can be obtained free as a download from the ARRL web-site. The new edition has more than 1,200 pages, and features reader-friendly printed thumb tabs and a mini-table of contents for most chapters.

UHF/MICROWAVE PROJECTS Manual - Volume II is now available from the ARRL. The manual is divided into three major sections: Antennas, Transverters, and Building blocks and Construction. It contains 19 articles from QST, QEX and Microwave Conference Proceedings.

DXing ON THE EDGE - The Thrill on 160 Meters is a new ARRL publication, written by Jeff Briggs, K1ZM, well known DXer and contest operator.

Technical savvy hams will find many useful tips in the book, also entertaining and insightful. An included audio CD has some truly exotic and exciting QSOs made from prominent DX stations.

For more information on ARRL books, contact ARRL 888-277-5289, or see your favorite book dealer.

* * * * *

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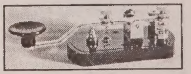

Past - Present & Future

The Emergency Broadcast System

Special to the Journal
-By Glen Finney (KF4QVD) gfinney@mylink.net

Thanks to the Middle Georgia Radio Association's "Spectrum Analyzer" Newsletter

It seems that everything around us is in a state of constant change. Many of you are no doubt aware that there is something different with the old Emergency Broadcast System. Actually the EBS and the supporting infrastructure of broadcast networks went out of existence on January 1 of this year. First a review of history:

PAST: The original U.S. Public warning system was adopted in 1951 and was called CONELRAD. The acronym was CONtrol of ELectromagnetic RADiation. The ideas was to have all U.S. AM radio stations change to the same frequency during an impending nuclear attack. This was supposed to confuse enemy bombers since they were supposedly using AM radio direction finders to locate certain cities. Obviously, this system required a lot of sophisticated stuff and procedures for the 1950's.

As thing progressed, the nation outgrew CONELRAD and the Emergency Broadcast System was born in 1975. The EBS rulemaking actually included a comment about asteroid warnings! The EBS system's backbone was a combination of major radio/TV network feeds, dedicated phone lines, and data circuits, all done at the national level. There were state and local plans, but they were very ineffective and certainly not timely. Besides, most radio stations were moving towards a 9-5 work day.

About eight years ago, the National Weather Service developed and tested the Weather Radio Specific Area Messaging Encoding system (WRSAME), so that digital event- and location- specific information could be mixed with the traditional audio messaging. This would allow an automatic daisy-chaining of messages or a web-based alerting system to be put in place for regional and local weather emergencies. This would also allow all existing consumer type radios with the 1050Hz tone decoders to still function properly.

Ironically, the NWS never had a short-term plan to fully deploy the WRSME system. They also did not count on the possibility that another government agency might adopt if for a public standard, but that is exactly what happened after field testing in 1994-95 of various alerting systems. The system was challenged legally because of patent infringement in early 1996.

To help with the public tune-out factor, radio stations were allowed to shorten the two-tone EBS attention signal from 22 seconds to 8 seconds on July 1, 1995.

PRESENT: On January 1 of this year, all U.S. AM FM and TV broadcasters were required to have new equipment installed to meet the requirements of the new Emergency Alert System (EAS). Notice that the word "broadcast" has been dropped, for two major reasons. First, broadcasters are not the only participants in the EAS, and second, the rules regarding re-transmission of public warning messages on other frequencies has been lifted.

In addition, the NWS was provided funding to fully implement its WRSAME alerting protocol, which is the basis of EAS.

By now, some of you have heard some EAS test or alerts. They are characterized by three bursts of data that sound like duck squawks. These triple-redundant ASCII packets are at a data rate of about 600 baud and contain all of the information about the alert including:

Originator
Event description
Duration of the event
Areas effected (by county, but capable of a six-block resolution)

The alert also contains the eight-second, two-tone alert signal, and an End-of-Message (EOM) packet after the alert.

One major difference with EAS is that is designed to be a web-based architecture, meaning multiple paths and multiple monitoring assignments for broadcasters and other key participants. This is where we hams can get involved with EAS. There is no reason that alerts cannot be automatically relayed on the amateur bands in our area. The FCC rule-making actually encourages participation by both public and private organizations.

Ironically, broadcasters are still the only mandatory participants and only at the national level. Some local broadcasters may decide not to carry weather warnings for our area, and that is perfectly legal! Several major radio and TV networks are still voluntarily participating at a national level.

The other major feature or EAS is that it can be operated in a fully automatic mode, with no human intervention. Several local radio stations are operating this way.

The EAS Web Architecture

Each major state or region has a Primary Entry Point radio station (PEP) that uses a dedicated phone line and HF radio system, originating from FEMA in Washington, D.C. These PEP stations are also responsible for initiating a special monthly test. The PEP station for Georgia is WAYS/WMWR in Macon.

Each state is also required to submit and implement a working regional warning plan for state and local emer-

(Continued on Page 38)

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Emergency Broadcast System

(Continued from Page 37)

gencies. Although it is not yet approved, Georgia's plan will use 13 satellite earth stations, each located at a 100 kW FM station at strategic locations. Georgia's Emergency Management Agency (GEMA) will be the origination point for Georgia. The idea is to be able to get a civil emergency message to all primary broadcast points quickly. In theory, an EMA director in the state can do this with only a phone call and proper authorization.

Each broadcast participant is required to monitor at least two different FM sources and the National Weather Service.

GEMA has also issued alphanumeric pagers to the EMA directors and is supposed to be sending warnings on the state's paging network.

FUTURE: Several interesting and exciting developments are occurring in the EAS and in public alerting.

CABLE TV- All U.S. cable TV systems must have had EAS equipment installed by July 1 of this year. They were required to place a video crawl on all TV channels simultaneously.

WEATHER WIRE- The NWS is tentatively planning to change the ASCII weather wire data stream to make it EAS compliant.

EMWIN RADIO NETWORK- The NWS is starting to build 1kW VHF data radio stations around the U.S. EMWIN stands for Emergency Managers Weather Information Network. These stations will transmit the live satellite weather wire data at 1200 baud to anyone who wants it. The software and demodulator for terrestrially delivered EMWIN data costs less than $100. EMWIN radio stations have been completed in Oklahoma and Maryland.

EAS RADIOS- It is rumored that Radio Shack (and others) will have a "programmable" weather receiver available this year, compatible with the digital codes.

CAR RADIOS- The National Association of Broadcasters is encouraging manufacturers to build the EAS reception capability into car radios. They are wanting the radios to automatically turn on when an alert is received.

What Can We Do?

Here are a few potential ideas for the amateur radio community to get involved:

Old EBS Encoders/Decoders

Ask your local radio station to donate their old EBS two-tone equipment to a club, church or school. The eight-second alert tone will probably be around for a long time! Broadcasters may dispose of the old EBS equipment after January 1, 1998.

PAGER ALERTS- Develop a numeric paging system for warnings. There is technically no reason that existing public paging companies cannot provide this as a public service.

HAM LINKS- Build a EAS ham link. We have already discussed this possibility for Middle Georgia with almost no cost involved.

EMA ENCODERS- Encourage and help your local EMA office to get their own EAS encoder and expand the EAS web.

BUILD A EMWIN STATION- Again it is ironic that VHF frequencies belonging to the National Guard are being handed over to public and private agencies to build 1k EMWIN data radio stations. Only in America!!

BUILD A WEATHER RADIO STATION- Likewise, the NWS will allow a private agency to own and operate a 162 MHz radio station and there are several private ones in rural Georgia already.

Again, the FCC has left the local implementation of EAS up to the "grass roots". We should see this as an opportunity and participate where we can.

Going Out of Business

-From W5YI Report

Azden Communications Division Manager, Sid Wolin, K2LJH recently wrote W5YI indicating that Azden Corp. was going out of the Amateur radio equipment business. Wolen said that Azden's other divisions will continue and that full repair and warranty service will still be available.

A check with area dealers who carry Azden indicated that they are currently offering very good close-out prices.

The Raleigh Amateur Radio Society says:
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Changes of Latitude, Changes of Attitude - or How I Learned to Propagate through Thick-Sliced HAMs

My Radio Romeo, that randomly romantic radio-lovin' man, and I like to go to all the hamfests we can in SERA Land. Which brings up an old question: What makes a hamfest great? For some, it is nearer my pocketbook to thee - as if you bought a lot than it must have been good.

At any 'fest, I appreciate getting something that somebody I know actually made. A truly wonderful hamfest is where you finally see people you have just talked with on the radio. I always just LOVE them when I finally get to see them. HAMs and HAMETTEs are always better in person. (Yoo-Hoo. W4NKL!) Jim and I feel blessed to have all the best and nicest HAMs as friends. Another great thing about hamfests is where, as a bonus, there is pretty scenery, like the first Wilmington hamfest held in their beautiful historic downtown in a light-filled, airy building on the river. So, what makes a hamfest great is both objective and subjective. It's not just a have-it-all Shelby or a picturesque, loving Roanoke or sweet Maysville or exciting Myrtle Beach. A grand hamfest comes from the heart of the club that sponsors it. There are other things that make up a good hamfest - unique for each HAM. For those of us who are handicapped, it is accessibility to hamfests and meetings.

For disabled HAMs, a GREAT hamfest is one that we can go to. This simply means: get in the door, get all around, sit in and be able to eat at. I don't think that clubs who hold hamfests, meetings and events in inaccessible buildings and rooms don't want those of us who are disabled. Although it certainly can feel that way. I really hope that they just don't know any better. Certainly, not all clubs will care and will change their attitudes even after being made aware of members who are disabled. One club had a couple of meetings in an inaccessible building up a flight of 15 steps where there was no elevator. Members offered to carry me up to their meeting. That was not possible. The well-meaning men just couldn't understand that if they dropped me or if my back twisted that it would be all over for me. I was told later that some members of the club complained about me being, well, disabled and said that I just did "not want to go bad enough." The truth was that I wanted to go very much. That hurt me deeply. It is difficult to share this but, I decided that if I can write about me, then it may help others to understand.

Each disabled person has different needs, experiences and feelings about this. I do not pretend to speak for all. However, handicapped HAMs want to go just like everyone else. Maybe even we want to go more so because many of us can't drive. For some, it is an Act of Congress to get anywhere. Many would appreciate an offer to go. Some disabled people can drive but, on the other hand, may need help getting a wheelchair unloaded.

First, let's maneuver parking at hamfests. Clubs must make sure that there is quality parking for those who can't walk or who have difficulty walking. If there are not enough handicapped parking spaces, make more. If still more are needed, have some cars move for more disabled parking. Parking attendants at one large hamfest used to let only cars with wheelchairs at the drop-offs and pick-ups areas at the door and not allow the mobile disabled to do the same. So, some people had to quit going because they couldn't walk to the door. To solve this, I wrote a member who addressed the problem with the club. They didn't weren't aware of the problem and were VERY GLAD to remedy the situation with city parking attendants.

Next, here are some facts about disabilities which may be helpful to know. First, many people still think that all disabled people use wheelchairs, when only a small percentage of us do. There are those who have respiratory conditions who cannot be near smoke at all and if they are, it can cause some severe problems that can bring on an episode of almost complete inability to breathe. Third, too many think blind means totally blind when only about 4 percent of all blind people are totally blind. There are many degrees of blindness, like hearing and other disabilities. (Ah ahm gonna ed-u-ma-cate ya'll yeh-yut!) And, last, another old problem is that for those of us who are visually impaired, is we cannot "just go" to meetings, events and hamfests unless we have a ride. People think we get there by magic, I believe. Offer us a ride. A lot of us who can't drive are GLAD to buy the gas. Hey, if you take Radio Romeo and me, you can even drive Flubber the HAMmobile.

Here are some more proposals from me toward solving these problems One suggestion to all clubs is before you have your first or another hamfest, ask a wheelchair-bound person AND a mobile disabled one to have a walk-through of the hamfest site to make sure that all can get around. If not, see if permanent or temporary modifications can be

(Continued on Page 40)

Happy Hamette -

(Continued from Page 39)

made. For example, all in wheelchairs should be able to go in entrances and exits by themselves. If a ramp is needed, one can easily be made. I have tons of ideas. I'm not the Martha Stewart of Disabled Access or anything but I am free and experienced.

Some other things host clubs at hamfests need to see about. First, make sure all services are clearly marked and accessible for all. Those services which should be announced on the PA, include: dining, restrooms, exits, testing rooms and seminar areas. Make sure that the food vendors have diet drinks. I visited one hamfest where the food vendors did not have any,. which left a lot of diabetics in a mess. The host club did not offer to do anything to help. A "customer" had to go out and get drinks. You need have plenty of chairs and even tables all down the middle aisle. No one should have to rent a chair just to rest. Finally, hamfests should have wide enough aisles that people in wheelchairs can move easily and the crowd can flow around them.

I propose that clubs even appoint a few people to assist the disabled members at hamfests. Maybe they could wear brightly colored vests with "Hamfest Helper" or "Disabled Assistant" in big lettering front and back.

Larger clubs (more than 75 members) ought to appoint a person to make assistance available for disabled members. It would be wonderful if there would be a designated person to go to when events come up that coordinates drivers, assistance for those in wheelchairs and readers for blind members.

This would enable all to participate more in getting to meetings, Field Day, testing sessions, hamfests, special dinners and events. Don't think it is needed in YOUR club? Ask all your disabled members and other disabled HAMs not participating in your area and see what they say. You may be very surprised.

For several years, your Happy Hamette has received many letters, e-mail and phone calls from disabled HAMs and HAMETTEs about inaccessibility problems. I tell everyone to call or e-mail the hamfest contact person and tell your needs. I sure do. Everyone is always very nice to me. If there are meeting and event problems, find a club officer that will listen and help.

However, too many have told me that they feel that they can't talk to their clubs because they do not want to draw attention to themselves or because of past problems. Many have contacted me for assistance which I am happy to give. I promised them - and myself - that I would do something to try to help. So, I will be GLAD to advise any club on how to enact these suggestions. (I put my money where my mouth is on this. Hint: I got a big mouth. Well, DUH! You knew that!)

Let me give a big "thank you" to K4MOB, KB4SEL, K4ITL, K4HF, KD4ACW, KI4YV, KF4HDW and AB4W for their support, understanding and encouragement in these efforts.

I am not just handicapped but I am differently abled. I have a lot wrong with me. But, I also have a lot right with me. I can still do stuff. I want to help. I want to play, too. When you see me, you might not think that I am disabled because I dress up, got my red hair and priss around. My handicaps, like those of many others, are not easily seen. I look just like you. Well, not W4CPA. I have a lot of spiritual and intellectual energy to give. All of us who are disabled in radio have a lot of talent, knowledge and abilities we want to share.

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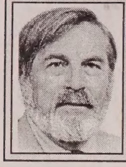
North Carolina

- News -



GENE FEGELY, K3EJG
gfegely@coastalnet.com
115 RANDOMWOOD LANE
NEW BERN, NC 28562

From fox hunts to plans for Christmas parties is the spread of the North Carolina amateurs as I received many interesting communiques these past months as the summer doldrums moved into fall activities.

* * * * *

The Pamlico ARC announced plans for a December 11 party in Washington, and also announced winners Al, N4OHY, and Maureen, KA4SYB, Waters for their August Fox Hunt. For those interested in upgrading to general, Tex Harper, W4RHU, will be starting a general license class in the near future.

The group is also seeking a two meter frequency from SERA. Jim Perry, KP4FGW, has begun the processing, according to the newsletter produced by Mary James, KF4JKP. This issue was in what I used to call a 'secretarial' or letter format, and reminded me that one of the things I used to do was help budding editors prepare for their tasks.

Maybe SERA can sponsor a class at one of your ham fests? I have a collection of publications and a few hints and kinks to share from (honestly) almost 60 years of putting out the news, starting with my first editorship in second grade!

High Point Social

Missed the High Point ARC ice cream social again this year.President and Editor Mark McMahan, KB4MFP, reported a fine time, but later noted host Barry Garner, KT4GG, was on the sick list. I hope it wasn't from too much ice cream.

The club also has a new call, W4UA, and thanks the James Kerr family for permision to use their lat father's call letters on the repeater. An expected use for the club at the soccer tournament fell flat, but Scott Carmichael, KE4ZFW, will be able to utilize it at the October 4th Walktoberfest for the American Diabetes Foundation.

* * * * *

The New Bern ARC 146.61 repeater took a second lightning strike, just after Ed Valentine, W2YPM, reported all was working. Even after Pete Koonce, KA4SXX, lost surge protectors and a microwave oven to a nearby hit, they were still on the air! Good news reported by Charlie Gould, K4VC, was that the insurance company paid the claim from the previous hit, in the amount of $1800.

Club meetings are held at the Berne Restaurant on the first Thursday each month., and have featured Andy Griffith, W4ULD, our antenna guru, and David Jones, WD4LVN, an R/C model enthusiast. David Works, KE4LNU, also reported a club auction is in the offing as a fund raiser.

* * * * *

Kevin Newberry , KA4NWS, assumed editorship of the Albemarle ARS Junkbox, and produced an excellent first edition, complete with digitized photo of the Field Day activities, and a long list of participants. The TAARS also elected the following: Kerry Kraus, KD4CEB, as President; Ronnie Pippen, KD4VRI, as Vice-president; Herman, NO4Y, and Kevin as secretary.

The masthead lists two web sites: geocities.com/times square/3293/taars.htm and www.janrix.com/clubs/taars.htm, where more information about the club can be found.

Hamfest Happenings

Quite sorry to get a Nag-Rag from head alligator Walt Bastow, N4KVF, that the Firecracker July Hamfest was down in attendance. His editorial on the demise of hamfests seemed appropriate as I attended the Virgina Beach September fest, and discovered a competing computer affair at the other end of the expressway on the same afternoon.

My son Hugh, N3GJG, now living in VA Beach, thought it was the hamfest. As we handed our tickets to the doorman, we discovered the error! Fortunately, they refunded our money, and we headed back to the correct venue. The SERA booth was deserted, but I hung arround for a while and left some brochures on the table as we enjoyed a non-crowded walk throough the exhibits. I am sad to say the only thing we bought was COMPUTER parts! Mea culpa!

Eagle Scout Project

Greensboro ARC received thanks from Ryan Bradley, KD4TMD, for its support as he worked on a project for his Eagle Scout Award. Karl McKlinnon, KD4UIT, Deputy Director of the Natural Science Center, was the speaker at his Court of honor ceremony, attended by over 90 friends.

The Feedline also reports on plans to make a 'daytrip' to Mt. Mitchell. They always give great reports on connection from a site at 6,689 feet. Potato chips and other snacks are in order for their 3 ½ hour drive,according to Editor Dave Brewer, KE4MOH.

* * * * *

Mary Kerkuilen, KE4IIA reports that the Carolina Chapter of the Antique Radio Associaton has a new exhibit ot the museeum of the New South in Charlotte. Ron Lawrence, KC4YOY, and Robert Lozier, KD4HSH, have contribiuted to the exhibits. The displays will be there for nine months, and contact at (704)333-1887 will bring details.

Hams Help Activities

Western Carolina ARS helped commemorate the Bicentennial Celebration of Asheville last September. Another featured event was the Biltmore Bridle and Saddle Club ride for the handicapped, reports the Smoketest newsletter.

* * * * *

The Raleigh ARS worked with the bike-a-thon at the Greenville Multiple Sclerosis Scociet MS-150 in September, and looked forward to the NC State Fair activities as we write this article.

Cushman Out of Business

The company that manufactured the Cushman, Communications Monitor, CE-5 is out of business. Cushman Electronics, Inc. was based in Sunnyvale, CA. At this time, theonly place I know of to obtain parts, or to have the CE-5 worked on is: NS Electronics Service, Inc., 3610 Dekalb Technology Pkwy., Suite 110-111, Atlanta, GA 30340. (770) 451-3264. *-From Charles Stokes, WB4PVT*

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Virginia
News from the West

LYLE T. PALMER, KI4BH
ki4bh@rev.net (540) 772-3039
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I must begin by apologizing to everyone who has experienced difficulty contacting me via E-mail. The past several months have been a series of computer problems. By the time this is in print, KE4WFO my computer guru, assures me I will be back on line with a new service provider. My new E-mail address will be ki4bh@rev.net.

Again I urge Newsletter editors, Club Presidents and ARES EC's in SW Virginia to add me to your mailing list. I desire to publicize your activities.

* * * * *

19 July brought 8 operators together on Roanoke's Mill Mountain. Jim AA4L, (formerly N4EOS) acted as net control operator. These hams provided communications for the Bike Hill Climb Time Trials venue of the 1997 Virginia Commonwealth Games.

* * * * *

On 9 August, the Blue Ridge Bicycle Club held a 5 mile foot race and a 21 mile bike race that rounded out the day. AA4L, KE4CX, KF4PHW, N2SFO, and KI4BH provided communications. Hank Ebert, the event coordinator, was greatly impressed with the versatility and efficiency of Amateur Radio. So much so, he requested Amateurs provide communications for the 106 mile Artie Levin Memorial Bike ride which was held on 5 October in Roanoke, Montgomery, Craig and Botetourt counties.

* * * * *

The RVARC presented the 1997 edition of the Valley Fest and Computer Show on 16 August. The show was well attended and drew high praise from attending dealers. This fest marked Wayne Williams K4MOB's 21st. and final appearance as a dealer at Roanoke. No, Wayne wasn't excommunicated, he has expressed the intention to retire from the Ham Fest Circuit. Wayne you will be missed and are always welcome in Roanoke.

The fest featured forums by Cindy Rogers KR4LS the Happy Hamette, John Kanode N4MM of the ARRL and the Nightlites from North Carolina on QRP. The Club would like to say thank you to these people, the Dealers, and everyone else in attendance.

Amateurs Respond: Early on the morning of 6 September a call originated from the EOC in the Roanoke Municipal Building from Wanda Reed, City Emergency Coordinator. This call declared an air disaster near the Roanoke Regional Airport. Initial information indicated a passenger liner had gone down with130 persons on board. Along with Roanoke City Emerg. Svcs, Roanoke Cty. Emerg. Svcs, Salem Fire and Rescue, the FAA, the FBI, and the National Guard, Roanoke ARES was activated. Amateurs lead by Gordon Garrett K1GG, Roanoke Valley EC, opened stations at the Red Cross EOC, the City and County EOC, the staging area for rescue personal, and the crash site. Communications were established on UHF, VHF, Packet and HF. In a true demonstration of the resilience of Hams, a link was established from 2 meter packet to the MARS system. This allowed sensitive correspondence to be passed between the Roanoke sites and the State EOC in Richmond. I am happy to report this was a Mock Disaster Drill and there were no casualties. Amateurs once again proved their worth in a time of need. In addition, we learned where improvements can be made.

* * * * *

Les Sears, KE4HYE has been elected

(Continued on Page 43)

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Virginia
News from the East

MIKE BRIGHAM, W1CLS
mbrigham@ix.netcom.com
(757) 898-1345
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NEWPORT NEWS, VA 23602

Hello all! Hope this summer has been good to ya'll. Luckily I went to the Hamfest at Virginia Beach this year. It was good as usual, but less vendors then in the past. This year there was also a bad move on the part of the Pavilion, not the local club that puts this on each year, with no outside tailgating . It does seem that each year we hams become more interested in computers. But it also seems that the computer vendors have to make a choice. There was a computer show in Norfolk on the same Saturday. This year I helped man a booth for SERA to sell memberships.

The time I had there was actually fun. I was able to meet some of the not quite so local repeater owners. But also we sold some memberships to users too. I also got to meet Doug Sharp K2AD the Virginia Vice Director. We had a good chance to talk and yak about ham radio. We also had to put up with Charlie Stokes WB4PVT as he was at the booth also, just kidding Charlie .

* * * * *

On to the news of the area. On the Eastern Shore the Eastville repeater (N4WAO) on 147.345 MHZ and the Accomac (K4BW) 147.255 repeater will from August 1st forward be using a PL of 156.7 Hz .

* * * * *

The news from Dave Adams NS3F owner of the W4VB 145.33 is that it was offline in early October but was to be back soon. Having the duplexers back from WACOM will help a lot. Dave plans to upgrade his controller and remote receivers in the near future The web homepage is http://www.geocities.com/CapeCanaveral/Hanger/3488/

* * * * *

The 147.000 MHZ machine in Suffolk Va. will be moving up in the world to about 350' from 80'. Bet that will make a big improvement.

The 224.540 MHZ. repeater has become a SERA member with N4BLQ and WB4PVT paying those dues.

* * * * *

It seems that the last week hasn't been good to me. I lost all my previous email when one of my hard drives went south on me. With a lot of help from WB4PVT and the patience of K4MOB , the SERA Journal Editor, I made it through this issue. I have had more news from owners this time than before and for that I will be eternally grateful. You people out there are the news makers . What I need is the info to print. My phone number is now on the mast head please don't hesitate to use it! Be sure to put me on your newsletter mailing lists. We'll read them all. Thanks and see you down the log . - W1CLS Mike Brigham

From the West -
Tennessee News

BOB GAULT, KD4NEC.
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Cleveland, TN 37312
bgault@wingnet.net

By now, you've probably heard or read about a bill in Congress that has raised serious concerns about the future of monitoring communications on certain bands.

Our initial contact with the bill now before Congress, House Resolution 2369, was at the Huntsville, Alabama hamfest. Grove Enterrises of Brasstown, North Carolina was collecting signatures on petitions to use against passage of the bill.

The "Wireless Privacy Enhancement Act of 1997", sponsored by Congressman W.J. "Billy" Tauzin, will spell out which frequencies you will be allowed to monitor in the future.

Rep. Tauzin's bill has been open for intrepretation, leaving scanner listeners in shock and sending concerns throughout the amateur community.

One possible impact of the bill is amateur gear with expanded receiver coverage. Members of RACES often use their radios for monitoring VHF communications during an emergency.

Hams opposed to the bill are being urged to write your Congressman to voice your opinion.

#####

Andy Masters, West Tennessee SERA coordinator, shared this information about VOLNET, a network of linked two meter repeaters, which cover a great deal of west Tennessee, part of western Middle Tennessee, northern Mississippi, eastern Arkansas, and small portions of southwest Kentucky and the bootheal of Missouri.

Volnet is governed by a board of directors, which establishes rules and regulations for its operation. Use is open to anyone - transcients members and for emergency or weather-related traffic. But membership is required for serious users of the system.

The system consists of the following repeaters: Memphis, 145.13; McNairy, Tenn. 147.075; Oxford Miss. 145.470; Fruitland, Tenn. 146.775; Union City, Tenn. 147.015; Brucetown, Tenn. 145.170; and Bucksnort, 145.430. Each repeater requires a 107.2 hz. tone and the link is up full-time.

Approximately $30,000 has been invested in equipment for the system, and plans to expand are on the drawing board. Each site has or soon will be equipped with battery backup. And the directors of VOLNET hope to add coverage around Pickwick Landing and Florence, Alabama, and in eastern Arkansas near Forrest City.

#####

West Tennessee amateurs are helping collect weather data for the National Weather Service office in Memphis. They are known as the "West Tennessee Weather Net," and have been in existence for several years. They provide valuable information to the N-W-S office on a daily basis. Each night, observers all across west Tennessee record their daily rainfall, high and low temperatures, current temperatures, barometer readings and wind speed and direction. This information is forwarded to the net control station of a net which meets at 8 p.m. each evening on a repeater in Medina, Tenn.

The net control station phones the information to the N-W-S office via a toll-free storm spotter hotline. The information is disseminated to the media and other users via the weather wire and other services.

Reports from the net are also useful to meteorologists in many different situations, especially during winter precipitation, heavy rain and extreme hot and cold.

Invaluable assistance is also afforded during severe weather forwarding reports of tornadoes, large hail, damaging winds, flooding and storm damage..Their reports are sent to the NWS via the regional Mid-South SKYWARN Emergency Network. Participants in the weather net are trained storm spotters and help forecasters in the Memphis office see what their radar can't. This helps the weather office provide more timely and accurate warnings.

We want to thank Rick Smith, KI5GT, SKYWARN Focal Point, at the Memphis weather office for providing this information.

Virginia News from the West

(Continued from Page 42)

President of the Giles Amateur Radio association. Don Williams, WA4K, elected Treasurer.

* * * * *

The Franklin County Amateur Radio Club was issued the club call W4FCR. The FCARC holds a weekly net on 147.120 +600 (PL 107.2) at 7:30 P.M. on Fridays. Terry KD4URK, FC EC and FCARC President reports the state wide ARES net has changed names. It will hence forth be known as the "Old Dominion ARES/RACES Net." The net is active every third Monday on 3.963 mhz. at 6:30 PM. This is a new Net and needs your support.

* * * * *

Claude Slomczewski KE4UVO, was elected President of the RVARC for a second term. Thanks to FCARC and GARA for the info provided.

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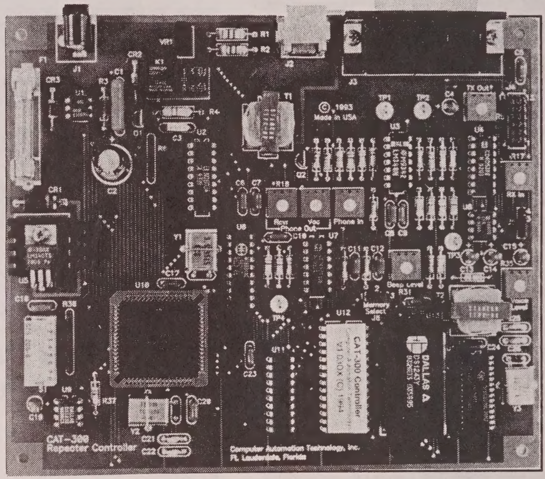
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From the East - Tennessee News

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whouser@mindspring.com

The days have steadily been getting shorter as one can note a gradual downward change in temperature. The cool, brisk days coupled with the magnificent beauty of the ever changing colors of nature around us can mean only one thing . . . autumn is definitely here. Summer vacations are memories and now it is time to bring on the challenges and good times that lie ahead of us in the waning days of 1997. I suppose for most of us that simply means football and the baseball play-offs.

For me, however, a new spark of hope has come into my life and her name is Emily. This young lady officially made me a grandfather in the early morning hours of October 2nd. As I stood there in the hospital with her in my arms, I could tell by the glimmer in her eyes that she indeed did want to become a ham radio operator. It's true because I asked her and besides that . . . grandfathers just know this kind of stuff.

* * * * *

During November this year, the Smoky Mountain Amateur Radio Club in Maryville, Tennessee is celebrating fifty years as an organized club. The club has been an ARRL affiliated club for twenty-five of those fifty years. The club was started in the fall of 1947 by Henry McDonald, K4DJV who is now SK and a couple other local hams. Over the years the membership has grown from just a handful to around fifty members.

In celebration of this event, the club recently held a family picnic combined with a special event station. That took place on Saturday, September 20. Band conditions were not that good, so only a few contacts were made on 40, 20, 10 and 6 meters. The club still has an active charter member, Charlie Williams, AA4WX, formerly W4GQL. The club had a ceremony at the November meeting and presented Charlie with a plaque honoring his many years as a ham.

For all those hams that plan to visit the Smoky Mountains to enjoy the fall colors, you are invited to call in on the clubs 2 meter repeater on 146.655/.055 . The club call sign and the repeater call sign is W40LB.

* * * * *

Roane County reports into the Repeater Journal that their club continues to meet on even months and has lately been enjoying programs of varied interests. Charles Solomon, KB4TPI, General Manager/Chief Engineer at radio station WOFE presented a great program on AM/FM broadcast radio . . . "Then and Now". The club just recently took a tour of the electronic/computer technology center at Roane State Community college.

* * * * *

You can now visit the Oak Ridge Amaeur Radio site on the World Wide Web at (http://www.korrnet.org/orarc/). Club meetings are held in the Oak Ridge Civic Center on the second and fourth Monday of each month at 7:30 pm. Thanks go out to Bob Madewell, KA4UOV, club president and Harry Carper, KD4RIC, club vice president and to the rest of the club officers for a great year in amateur radio for the Oak Ridge Club.

* * * * *

Everywhere I have gone this year all I have heard is how hamfests are changing and that attenance seems to be down. That was even true, to some degree, at this years Dayton Hamvention. This year, the Radio Amateur Club of Knoxville (RACK) has appointed a Hamfest Study Committee, chaired by Carol Whetstone, N4LFR, to determine the direction for future RACK sponsored hamfests, select a date, and look at the elements that make such an endeavor successful. Others serving with Carol are Ralph Lockhart, Jim Sayne and Frand Ambrister.

Also, you can visit the RACK Club by way of the World Wide Web at (http://www.korrnet.org/rack). A lot of good things can be found there, so check it out. Congratulations are in order for Jean Giesler, W4TYU, who has accepted an appointment as ARRL Public Information Officer (P.I.O.) for the RACK club. He will report back to ARRL and other media sources on RACK activities.

* * * * *

A new six meter net has now been established in the Knoxville area. The new net originated on August 24 at 9:00 PM. Look for this NET on 52.525 FM. Net control KD4DNS, Jim Gilliland will be glad to take your check-in and let you give your location, antenna and equipment report. So if you are presently without 6 meter gear, remember to put it on Santa's list . . . after all, Christmas is just right around the corner.

* * * * *

When hamfest attendance is down, so is gross revenue for the clubs that sponsor these events. The money is what keeps our repeaters operational. It's times like this that new innovative ideas must find a way to surface. The RACK Club still seems to be a leader in this field. For a limited time only, RACK name tags are being made available at "cost" for $2.50. Special thanks to one of the club members, Bruce Cliff, for making that possible. Starting around January, the cost will go up to market value - probably $5.00. The name tags will be inscribed with the RACK symbol along with the name and callsign of the member. On the back of each name tag, information on the RACK repeaters and access codes for the 145.210 machine will be included. Also, you will find information on RACK sponsored nets as well as other items of interest. Other merchandise for sale includes custom mugs with logo and ball point pens.

* * * * *

The Johnson City Amateur Radio Association would like you to visit their internet home page (http://kpt1.tricon.net/Org/jcara/). Nominations for new club officers have been taken and should be voted upon sometime in November. Curtis Harbin, Pam Harbin, and David Jones all announced that they will not be able to serve as officers next year. Mike Wechsler, N4OFA, announced that he will accept the post of Field Day Captain for 1998. Richard Randolph, KT4OR, agreed to serve as Mike's assistant.

* * * * *

From the Bristol Amateur Radio Club we get the following update concerning two of their members. Doug and Marcy Shaw, KE4RIY, and KE4RIX now have a new address in Poland. They have been in Warsaw for about a year and they moved on to another location for their ministry works. Doug and Marcy are the missionaries that are members of the BARC. Doug was pastor of the Lebanon Baptist Church in Lebanon, Virginia. Their new address is: Doug and Marcy Shaw, ul. Akacjowa 5, 35-113 Rzeszow, Poland.

Hope everyone has enjoyed all the great hamfests this year. I have and I want to say thanks to all the people that sponsored the Tri-Cities Hamfest at the Appalachian Fairgrounds in Gray, Tennessee back on October 18th. I met a lot of nice folks and I certainly hope to see you again next year.

* * * * *

I apologize for not having any Nashville news this quarter, but somehow I have lost touch with my contact person in that area. Hopefully by the time that the next issue comes out, that I will have that problem corrected. Again, thanks to all the clubs around East Tennessee for the information you have provided for this column.

* * * * *

Now please excuse me, as I have a new grandaughter to go play with. "Emily—-Emily—-can you say R-E-P-E-A-T-E-R?". See you folks in 1998.

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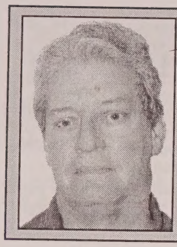

Georgia Grabbag

STU SIMS, N4MXC
ssims@mail.Bleckley.public.lib.ga.us
(912) 934-9236
112 CAROL DRIVE
COCHRAN, GA 31014

1. Well, we have made through another year!!! (well almost) It is time for the annual repeater data sheets again. Repeater owners and trustees should have already gotten their data sheets and hopefully have given them a good review, and returned them, hopefully, with their SERA membership dues. If you have yours, please don't set it in that "safe" place we all have . . . take few minutes and verify the accuracy of the information and get it back to us. Pay particular attention to the accuracy of the geographical coordinates.

Remember, if you have failed to return data sheets (at least for the past 3 years), your repeater could end up in an unknown status listing, may not be passed to the ARRL for listing in the Repeater Directory and can be subject to decoordination. After de-coordination, the frequency pair will return to the frequency pool for reissue. Enough said! I talked about this all last year and stills some people don't seem to heed it - - but gang the demands on the spectrum is tough and we are going to have to all either support the coordination policy or live with the result. Rules is rules!

2. This paragraph can have a lot of subtitles . . . "I told ya so", "Oops I goofed up", "You aren't going to believe this but . . .", "Why me???", "It finally happened!!", or "That new repeater is killing me!!!" You can pick the title you like but, believe it or not we have two repeaters on the same pair only 40+ miles apart, obviously not a workable situation and we are working to resolve it. I guess I can say I should know the distances between every city/town and landmark in the state, so you can label it I goofed up. You see, I did coordinate the new one.

What happened, I got a request for a repeater pair at a given set of coordinates and went to my trusty "overworked" computer and found a pair that was "supposedly open" for over 100 miles. I even double checked the coordinates of the new repeater because something just didn't seem right. I found out the new coordinates were, in fact, correct and I had entered them properly. So I finalized the coordination action. The repeater is on the air and working well, so well in fact, I got a call about it "burying" the signal of a long standing repeater.

A check of the coordination action showed the coordinates of the new repeater as being correct (I felt a little better). A check of the files showed, the long standing repeater had returned the annual data sheet faithfully and the coordinates were in the computer just as the owner/trustee written them. So what was the problem. How did I GOOF UP so badly?

Swallowing some humble pie with a lot of apologies and not having any answers, I told the owner/trustee I would have to do some more looking. Well, unfortunately, for a number of years someone had been faithfully returning data sheets, with coordinates some 60 miles off from where the repeater actually was located!!

As much as I like helping folks I am not (and this IS NOT a reflection on any individual(s) anywhere) a babysitter. I have been asking, pleading, begging, and warning folks for over six years that we must have accurate geographical coordinates for each repeater. With over 400 repeaters in the state we just can't do things by the "seat of our pants anymore". By nature, we are all supposed to be "technically orientated." We should be able to provide accurate coordinates for our repeaters. This is especially true if we are going to use computer support to help us accurately coordinate!

Well, I will get "off of my soapbox", but, it finally happened, and I won't say "I told ya so" but will work to find a solution to this problem. I think there is one. BUT, pretty soon there will be only one (or two) possible solutions, either move your machine to where you say it is - - or shut it down. Fortunately the folks involved in this current situation are willing to work together with me to resolve the problem. I guess the moral to the whole story is - CHECK THE DATA SHEETS CLOSELY, make sure the coordinates and everything are correct, then the computer system will keep ME from making mistakes.

3. Whew ! Sorry about the soapbox, but I have been known to be "blunt" at times. I guess it's because I care so much. On a lighter note, why is it when you get used to

(Continued on Page XX)

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Georgia Grabbag

(Continued From Page XX)

something, someone comes along and changes it.

I was "used to and liked" the format and content of "The Garzette" the newsletter of the Gwinnett Amateur Radio Society" in Lawrenceville, then they changed it!!! They made it BETTER!!! My congratulations to the editor John Biddle, AD4PZ, his "staff", and the club.

The Garzette has pictures, great articles, something for everyone. Their club is the same way, great people and active too. A recent meeting was attended by 70 (and they weren't even serving food) just fun and fellowship. If you are lucky enough to be in their area, look them up - you won't be disappointed. The GARS folks are spreading the word and (to steal a phrase) being "radioactive" in the Atlanta area.

4. A bit further south, in the Warner Robins area, the Middle Georgia Radio Assoc. which started with 5 people about 5 years ago, is now over 160 strong and growing. They too serve a strong dose of "fun and fellowship" and proudly announce "they are radioactive and it isn't hazardous to your health." The MGRA sponsors a number of repeaters in the middle Georgia area. All of them have friendly folks on them and you can find someone with a common interest, from "golf cart mobiles" to "aeronautical mobiles". Must be something to this fun and fellowship stuff.

5. I enjoy the newsletters from the various clubs. Please keep me on your mailing list and if I am not on yours, I would appreciate it if you added me. Shucks save the postage and E-mail me the raw files. I enjoy hearing what people are doing in their clubs and with their repeater systems. Speaking of E-mail, I get a lot from a number or sources. If you have a concern or want to give me something to consider for the column, please send me an E-mail. I even take complaints via E-mail. I must hear from you before I can serve you.

6. As noted elsewhere in this Journal this year is election year. Actually, every year is election year in SERA. This year, we elect our officers: President, Vice-President, Secretary, and Treasurer. The nomination committee has provided their recommendations and if there are not any nominations "from the floor" (utilizing the form printed in this issue), your Board of Directors will act on the nomination committee's recommendations. Please let me know what your desires are.

Georgia's Dave Shiplett, AC4MU, has decided to "share the fun" and "retire" from elected office after serving SERA as an elected official since Georgia became a district in July 1985.

Aside from being a longtime friend (about 15 years now) and my "Elmer", I want to thank Dave for his hard work, long hours, and efforts he put into supporting SERA and representing the amateurs of both the Georgia District and the SouthEastern Repeater Association. He has done one "hell of a fine" job during some difficult times and represented us all very well in a number of forums. He has had to be a leader and he did it extremely well, has had to be a peacekeeper, and we haven't had any "dead bodies", has endeavored to be innovative and we are progressing toward the year 2000. He has always had those words of encouragement even when we haven't "recognized" them. We haven't always liked what he had to say and we haven't always agreed with him but he has been fair and objective without losing his enthusiasm . We will miss him at the helm Thanks Dave for a job will done. He will be the first to tell ya but you can say you heard it from me first - a special thanks to Jenny, N4UFY, (still wondering how Dave got so lucky) that lovely lady who provides support to you, sacrifices the family time, and has understanding for your endeavors to have permitted you to serve us all so well.

Between you and me (and maybe we shouldn't tell Jenny just yet), I assure you Dave will remain active in some capacity within the organization or district. I know he will be spending more time with the "New Ham"" in the family - "N1SON" or "Little David" as he goes through those challenging periods of growing - you know - "the terrible twos and threes" and "potty training".

7. It has been a busy year and as the year ends and we enter the holiday season, from my house to yours and from your Georgia team, Scott, Bert, and myself, may your turkey be fat, and may you have a joyous holiday season and a good new year. May you find that special "gift" under your tree. May we all find that inner "peace which passes all understanding" -- God Bless.

New SERA Members!

Congratulations to the Forsyth County ARC,(NC), W4NC. They just recently signed up 15 new SERA Associate Members in their Club Membership Drive. Welcome aboard folks, we're glad to have you!

At the same time, they made $15 for the club treasury. If your club is interested in a Membership drive, contact the Repeater Journal editor.

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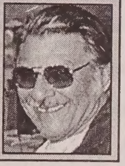

I am very glad that S.C. people read the SERA Journal. In the last couple of Months I have received the following Newsletters, Union County ARS, Trident Amateur ARC, Charleston ARS, Columbia ARS, and I have received several E-mail letters promising more later. Keep it up. And, Thanks to those that have contributed to this column.

Columbia ARS

Robert Cook, KD4DPC, informed me that the Columbia club is refinishing an old racing trailer into an Emergency Communications Trailer. Look for Pictures next Issue. It is being equipped from the Estate of N4QWL, Robert Truex, of Columbia. The equipment will be capable of accessing Frequencies from HF to 800 Mhz. I am sure they will make good use of it in the future.

Trident Amateur Radio Club, Charleston

Two Amateur Operators have been named to the honorary life membership rolls of the club. Wells Burton N4EE and Werner Dolder, AA4IX. They have been long time members and have contributed to the amateur radio community for many Years. Congratulations to you both.

Charleston Amateur Radio Society

The club has installed a packet machine on the Yorktown; the Frequency is 145.730 Mhz. The Charleston Hamfest is on February 7th '98, and is the 25th Annual Hamfest for the Charleston Club. Of noteworthy mention, the Hamfest Chairperson, Jenny Myers WA4NGV has chaired 20 of them. Thanks for a lot of good work. The hamfest will be at Stall Hi-School in North Charleston.

The Backyard schoolhouse is still full. Linwood Sikes N4LS, 87, Years YOUNG, is the Instructor and just finished a class on CW. They were learning 13 wpm and up. The next class started in October for No-Code Tech for the local SEA Scouts and a local Boy Scout troop. The Instructor will be Ed KE2D. Anyone wanting information on how to get a class started give me a call or E-mail, Ed KE2D.

Union County Amateur Radio Club

The union Club is holding it's 3rd Hamfest on Dec. 13 '97. Marshal KD4YFC and Tony KD4YFD (Sounds like a conspiracy) have created a home page for the Union Club, It must be a secret as they didn't give me the URL. I would like to see it?? Hope you all have a good Fest.

News from All over

The Vanity call Gate three has opened be ready for a bunch of new Calls. The FCC has processed all the initial rush and is working on the rest of the entries. The Fee for a Vanity call went to $50.00 for a 10-year license. Gate 4, for General on down has not been announced yet, but won't be long.

Congrads to the Lumberton area. It is nice to see a good plan come together, and work. "See story on NC Wx Transmitter"

Oh Yes, another Hamfest that is being kept a secret in SC is the Myrtle Beach Hamfest in November. By the time you read this, it will be over. It was scheduled for the 8th of November. I plan on being there, to get in on some of them Goooood Deals.

That is all for now. Hope to hear from you, and see you at a Hamfest in So. Carolina. Send info - tnx. Ed KE2D SC Correspondent.

New '98 Club Officers

The Plateau ARA of Fayetteville, WV has announced their 1998 club officers. They are: Richard Roy, KB8SMC, President; Ronnie Gray, KC8SF, Vice-President; Juddie Burgess, KC8CON, Secretary, and Connie Skaggs, N8XNC Treasurer.

The Club sponsors the Fayetteville (WV) hamfest every February, and two repeaters, on 146.79 and 443.30.

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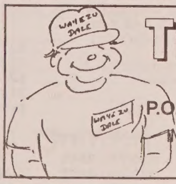
IMPORTANT NOTE: Due to recent Health problems, we have had to curtail our Hamfest Business for the time being. We can still handle mail orders. give us a call today!



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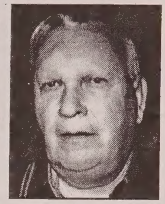
New Vice-Director Named for Mississippi

Joe Wood, AJ0X, of Laurel MS, formerly the senior district assistant, has been appointed to fill the vacancy left after the resignation of former Mississippi District vice-Director Dr. Jim Akers, W5VZF, of Starkville. Joe will serve the remainder of the unexpired term.



JOE WOOD, AJ0X

In the absence of a volunteer from the Northwest area, and pending the appointment of a resident of that area to the official position of Assistant coordinator, Joe will be coordinating repeaters primarily in the following Mississippi counties: Bolivar, Carrol, Coahoma, Desoto, Grenada, Holmes, Humphries, Lafayette, Lef-lore, Marshall, Montgomery, Panola, Quitman, Sunflower, Tallahatchie, Tate, tunica, Washington and Yalobusha.

Joe may be contacted by writing: 42 Clairmont circle, Laurel, MS 39440; Phone (601) 426-3486, or email: jwood@c-gate.net.

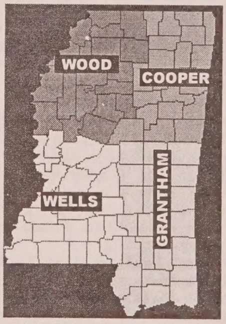
Coordination Assistants Named

Mississippi Director Steve Grantham, N5DQU has announced the following appointments in his District.

(NE) Assistant: Bill Cooper, WB5YCR of New Albandy. Bill will be coordinating repeaters in the following counties of MS: Alcorn, Attala, Benton, Calhoun, Chickasaw, Choctaw, Clay, Itawamba, Lee, Lowndes, Monroe, Noxubee, Oktibbeha, Ppontotoc, Prentiss, Tippah, Tishomingo, Union, Webster, and Winston.

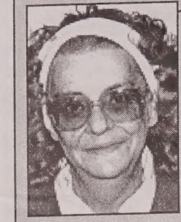
Bill may be contacted at 1012 E. Bankhead, New Albany, MS 38652, phone: (601) 534-2586 and email at: wb5ycr@dixie-net.com.

(SW) Assistant: Keith Wells, N5ZNS of Summit. Keith will be coordinating repeaters in the following counties: Adams, Amite, Claiborne, Copiah, Franklin, Hinds, Issaqeunna, Jeffer-son, Jefferson Davis, Lawrence, Lincoln, Madison, Marion, Pike, Rankin, Sharkey, Simpson, Walthall, Warren, Wilkinson and Yazoo.

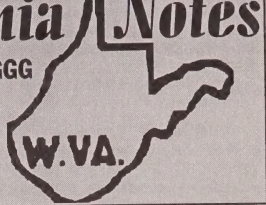


MS Coordination Areas

Write to Keith at 7348 Jones Road, summit, MS 39666. Phone (601) 567-2117 or email: keithw@telapex.com.



West Virginia Notes



BARBARA MARSH, KB8GGG
masterkee@inetone.net

126 UP LEFT FORK ROAD
SHADY SPRING, WV 25918

Computers! You either love them or you hate them. Our son Kevin loves the complexity; my husband Dale says to ignore them, and I love to hate them. I was all set to write this article when my computer balked. Turn it on . . . see the words "Keyboard locked . . . Unlock Press F1 to resume." Ha! F1 didn't help. Escape did nothing. Alternate Control Delete keyed as one would not phase it. That red button marked Reset would let the computer reset and I would see that same message appear on the monitor again.

I called several computer Gurus and sought their advice. They said check the locking connections (as if I knew what they were talking about). Kevin took the case off and found the keyboard locking feature was not wired up. So I asked, how can the keyboard be locked? His reply was "It's not, it just thinks it is."

Gerry Snidow KF8MX suggested a sharp slap near the outlet where the keyboard connects on the back might just do the trick. Kevin slapped, fiddled with the wires, did all sorts of things to my machine. Nothing worked. Finally on October 3, Kevin said he would try once more before replacing the mother board.

Don't you know it! He turned it on, it booted right up. Now I'm afraid to turn it off. Anyway, if this article suddenly ends in the middle of a paragraph you all would guess right if you decided the keyboard locked again.

* * * * *

CONGRATULATIONS! John Hymes WB8CJG has been selected as West Virginia's Outstanding Amateur of the Year 1997. John was presented the award at the September meeting of the Plateau ARA by Carol Craigo KB8ZWO of the WV State Amateur Radio Council. John, an extra class operator, and his wife Kathy KB8MQN are active members of the Plateau ARA and the Black Diamond ARC.

* * * * *

Mark Miller KB8KDR has been appointed director of R.A.C.E.S. by the Mingo County Commissioners. He also leads the A.R.E.S organization for the county and is very active with the Nightly Talk-Around Net. He directs an A.R.E.S. net each Monday at 9 p.m on 145.330 repeater.

* * * * *

Harold KD8XU and his repeater repair crew are the recipients of our Green Weenie Award. It seems the gentlemen spent hours at the repeater site on Gauley Mountain repairing lightning damage to the 146.790 PARA machine. Their 440 repeater and packet systems were also refurbished. Finally, the men left the mountain top.

Several days later someone asked Harold why the 440 machine was not working. Harold's response . . . we forgot to turn it back on. This necessitated a return trip to the site.

The Plateau members were not the only ones to earn this prestigious award. Alex Hedrick N8FWL will share his honor with ME KB8GGG. Alex is secretary-treasurer for the Appalachian Repeater group and as such, needed to send reminder notices to members. He asked my help with the addressing and mailing and sent me a disc with the club membership listed. I addressed and mailed all the letters.

A few days later we both began to get phone calls questioning the accuracy of our records. Well, it seems Alex sent me last year's listings and I really should have caught the mistake. I didn't and we both apologize to our members as we red-faced accept the Weenie award.

* * * * *

From Dave Ellis WA8WV I received the these results for the WV QSO Party held in June:

"The WV winner was Garie Halstead K8KFJ for the second year in a row. Out of a total 16 entries, which was almost double last years, we had six WV and even one from Sweden, SM3DXC. That was our first DX entry since I've been helping with the contest. The WVQP is turning into a real team effort and I appreciate all the help I receive."

WV certificate winners and their total scores were: K8KFJ/6352; N8OYY/5149; K8WVA/3833; W8PT/1625, and KA8GOH/1618. Out of state winners were: WA3HAE/532; WA2BQI/193; W4WS(N4VHK operator)/145; K1HT/139; VA3RJ/81, and SM3DXC/8.

The 1998 WVQP will be on Sunday, June 2l. Rules whould be the same but suggest you double check. Comments and suggestions should be directed to Dave Ellis WA8WV, 610 Hillsdale Drive, Charleston, WV 25302. E-Mail address: WA8WV@aol.com

* * * * *

Over 100 persons attended the 1st Talk-Around Net Picnic in September held at the Rev. W. H. Compton Park on Buffalo Mountain in Mingo County. These amateurs are really supporting their adopted motto "Make Things Happen." Lots of food, fun and fellowship were enjoyed during the day as well as receiving about 100 contacts in the HF Special Events station honoring the famous Hatfields and McCoys.

James Packett represented the NOAA offices from Charleston and talked with various members about the SKYWARN program for our state. A member from the Jackson Co., KY offices also attended.

One of the fun highlights at the picnic was the Peanut Butter Candy Contest. It seems there are several people who can not talk on the net without getting their energy from this particular candy. Friendly discussions have been heard all through the past year on who can make the best candy. Well, Christy KE6TQZ suggested a Show Down with the judging held at the picnic. The eight entries were judged by five people and the winner was KA8QOB Bob. (Maybe he will share his recipe with us sometime soon.)

Mike Horn KB8GDF told me about the damage from lightning which the 145.330 machine received in July. Other repeater trustees in the area immediately offered the use of their machines for the nightly nets. Mike said some of the members even offered to drive to a mountain top and conduct the net over simplex frequencies.

Mike also reported that members are conducting a 30-minute question and answer show over WXCC 96.5 radio station once a month. Listeners are invited to call for informaion about amateur radio and Mike says the response is wonderful.

Everyone needs to keep their eyes and ears attuned to the activities of the Southern Appalachian Wireless Society. This group is doing great things.

* * * * *

The Fayetteville Hamfest is already in the planning stages with Harold KD8XU heading the committee. Assisting him will be Jim N8XNG, Jeremy KC8FEI, Juddie KC8CON and Richard KB8SMC. Here in southern West Virginia, we Hams look forward to this February event with great anticipation. The date for 1998 is February 22. It sure helps dispel ones winter doldrums.

Club members are also searching for a possible site for a second repeater. At present the club sponsors 146.790, a 440 machine and a packet repeater. This is another very active group.

* * * * *

Cash winners at the 1997 Wheeling Hamfest included Ann Rinehart KA8ZGY of South Charleston, who came home with a $1,000 U.S. Savings bond. Way to go, Ann! She and the other winners were listed in the October issue of the Triple States Radio Amateur Club's news bulletin.

This bulletin is one of the nicest I receive. Each issue contains amateur related news from around the state, the nation and the world. Ralph McDonough K8AN and the bulletin staff deserve pats on their backs for the publication.

* * * * *

This is the last article for '97 and the first for '98. With that thought in mind, I wish each of you a wonderous and safe holiday season and a joyful and prosperous new year. May God bless us all. KB8GGG

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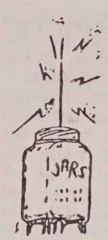

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Amateur Radio Exams (Courtesy of RARS VE TEAM)

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CITY ______________ STATE __________ ZIP __________

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Johnston Amateur Radio Society, Inc. P.O.Box 302, Benson, NC 27504
http://www.nceye.net/~kd4qzv

Are We doing it right?

The International Phonetic Alphabet

-by Marvin E. Whatley, AA4YW

At first blush whether you say "Bravo" or "Baker" for "B" seems like a nit-picking bit of nonsense. Amateur radio is supposed to be fun, and we are all amateurs. But, whatever the undertaking, you get out of it only what you put into it, and playing the game correctly and well is important to having fun. In amateur radio the game is communicating: understanding others and having others understand you. If voice is your mode, you must pay attention to audio: its physics, physiology and psychology.

The range of a piano (which pretty well covers the range of all musical instruments) goes from about 20 to about 4,200 hz. Many of my maturity cannot hear the top notes of the piano, but a good ear in a young person can hear up to about 13,000 hz. The trained soprano can hit high C, which is about 1,040 hz. The pitch of human speech is usually in the 100 to 400 hz range.

These numbers all refer to the fundamentals of the tones. We can distinguish an "A" from an "O", even when sung as music, by the particular distortion (enrichment) from a pure sinusoid. That is, there are various higher frequencies superimposed upon it.

These rarely transcend a few octaves. But when "HiFi" came into its own in the sixties, everyone wanted a system that was flat to 20,000 hz. Why? It wasn't the music that they wanted, but the little pops, buzzes, hisses and scratches that gave a feeling of "presence". While the vocalists of the '40s were required to pronounce each word clearly and distinctly so that they could be understood on sound systems then available, pop vocalists of the '70s could sigh and whisper into the microphone.

Between the frequencies that define the vowel sounds and the brief high frequency "zstz" of a violin's bow as it first touches a string are those in the range of 1,500 to 8,000 hz that are the syllabic sounds from the consonants: the hiss of an "s" and the little explosion of a "b". Notice the subtle differences in sound when you name the letters "E", "V", "C" and "Z".

On HF single side-band, Stations commonly space themselves 2 khz apart. A physical fact is that a band width of 2 khz implies that 2,000 hz is the highest audio frequency in its modulation.

FM on 2 meters is some wider. When you get "full quieting" it cuts out the background noise, but weaker signals on FM and all of the signals on SSB have white noise, spreading primarily into the higher audio frequencies and obscuring them. When conditions are good it is hard to hear the syllabic sounds, but when conditions are poor it is often impossible. So we resort to the spelling of words. Just saying the letters ought to be sufficient, but in fact is not. The syllabic sounds that are lost with distortion and noise are exactly what is needed to distinguish a B from a D. If you shout the letters it doesn't help because you just get more vowel. An impatient inflection makes it worse.

The answer, of course, is a phonetic alphabet. The specifications on such an alphabet might include:

1) Each word should emphasize the letter for which it stands.

2) All of the words should be distinct and not confused with each other.

3) There should be one standard set which everyone uses.

4) The words should be familiar to and acceptable to many different languages.

The first criterion is obvious. You would certainly not use "pneumonia" for "P" or "wrong" for "W".

The second makes sense, but doesn't usually occur to people. I have noted that the terms used in sailing, evolved over years by mariners where misinterpretation could cost life, are profoundly distinct. One side of the boat is "starboard" and the other is "port", you "head up" to "windward" or you "fall off" to "lee", etc. Of the terms that might have been used, these emerged because they were distinct when shouted over a gale (poor conditions). The standard phonetic alphabet displays this characteristic.

But why can't everybody have his own personal alphabet? Because understanding is easier when you know what you are trying to hear. Psychologists for some time have been studying pattern recognition. They have found that for familiar things much of the detail can be omitted and the human mind will supply it. The grid sizes on pictures of George Washington and Marilyn Monroe were made extremely coarse in experiments, but people still identified them. But it doesn't happen with unfamiliar pictures.

The same is true for words. You can supply the missing bits and not even know they are missing if you know what to expect. (Bell Labs did this work.) So, You may have to decide whether or not you heard "alpha" for A; but if what you heard was maybe "elegy" but you weren't sure, and you were assuming that an E would be "echo", you have nothing.

I have heard an exchange that went something like this:

NCS: "I'm barely copying you. If you got the message, give me a couple of 'rogers'."

Stn: "I got it fine . . . Thanks a lot."

NCS: "If you copied me, give me a couple of 'rogers'."

Stn: "OK, OK, I got the message. I got it fine."

NCS: "If you received the message say 'roger'. . ."

No, net control was not just being nasty, he really wasn't understanding. When you are listening for a particular word, it is easy to hear it when it is said. The alternative is to put together enough sense out several unexpected and poorly understood words to extract a meaning.

A lot of thought has gone into the standard phonetic alphabet by people who knew what they were doing, and it is remarkably well suited to its purpose. It is used by hams who handle traffic seriously. Knowing and using the international phonetics is playing the game a little better. We all would like to believe that when we are called upon to provide communications during an emergency, that we will do a good job. When the repeater is working well, and you are just in for the ragchew, the ITUP seems a needless bother. When the emergency is at hand, conditions are bad, and you are carrying the ball, it is too late to learn it.

International Telecommunication Union Phonetic Alphabet

Alpha
Bravo
Charlie
Delta
Echo
Foxtrot
Golf
Hotel
India
Juliette
Kilo
Lima
Mike
November
Oscar
Papa
Quebec
Romeo
Sierra
Tango
Uniform
Victor
Whiskey
X-Ray
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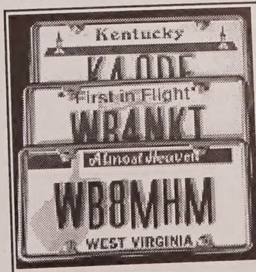

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Computer Upgrading

-by Bubba Johnson, N4CII

"I'd like to upgrade my computer." A statement thought or spoken aloud by every computer owner.

Most people think first of speed, then of storage. Storage upgrades used to be the simplest for the do-it-yourselfer. Not anymore! Not with sizes like 1-gigabyte and up! This can be very complicated unless you can find a used hard drive of 540-megabytes or less, or you own a modern (last few years) 486 mother-board with a bios chip that can pick up where DOS leaves off. Owners of 386's will find that sleek, black painted new WD, Seagate, Sony, etc with a 1,000 plus cylinders, umpteen heads and Sectors/tracks numbering in 5-dozen or more, still shows up as a 540 megabyte drive, because that is the limit set by DOS (any version 3.3 to 6.22)!

So what do you do with a brand new 1.2 Gig or 2.3 Gig drive?

Simple . . . format it at the DOS limitation for your old computer (about 540 megs). Later when you upgrade the mother board, you can backup all your files and programs; reformat it at it's true size; restore your backup and go!

It'll be sort of like having a 6-horse wagon where only two of the horses do the work while the other four just trot along. It will run just as fast as it is supposed to (the two horses can pull the lighter-loaded wagon just as fast as the wagon was designed to run, so no problem there.

Now, about speeding your old computer up. Sorry, no matter what the salesman told you when you purchased it: all about how you could upgrade the processor and the memory—all probably true at the time, but . . . Tempus fugit(s) and never more so than in the computer industry! What this means to you is that you are too late to buy the upgrade parts, like a faster CPU that would have fit your current mother board (Don't waste time or money buying a chip that sez it'll turn your old 286 into a 486—spend that money on a 486 mother board with a 486 CPU: both cheaper and faster!). You probably can add memory, though. If there is a way to upgrade your memory to 8 MB (16 is better), you'll find that although your old hard drive runs the same speed, and any speed checks show the same old XX-megahertz, all your programs will run faster and better. Lotsa memory is one upgrade you won't regret.

Don't be afraid to try these upgrades on your own. Just take your normal prudent precautions that you've learned to do as a HAM.

Editor's Note: Bubba sez - Yes, you can use "overlays" to utilize large capacity hard drives, but this article, was meant for average users, not experts and gurus, who have vast computer savvy.

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- Interface for CommSpec TS-32 CTCSS board
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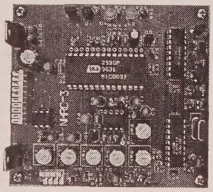
- "Intelligent" ID Algorithm

NHRC-3 Repeater Controller



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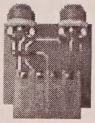

The NHRC-VSQ
(actual size 7/8" x 1")

New Product Announcment

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The NHRC-VSQ is a plug-in volume and squelch card for use in GE MASTR II mobile radios. Installation is a snap, the card plugs directly onto the PCB in the radio. No extra wiring is required. The NHRC-VSQ is available now for the introductory price of **$10** each. (plus $1.50 ea. shipping and handling)

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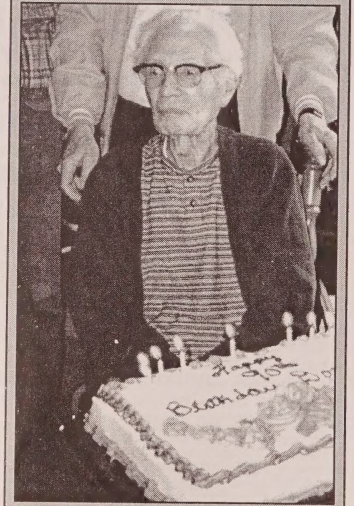
Don Hopwood 90-Year-Old Ham



Don Hopwood, KA8WBO was recently honored on his 90th birthday, when a bunch of friends showed up at his residence with a birthday cake, gifts and their best wishes. Don who resides at a nursing home in South Charleston, WV got his ham license about 12 years ago, upon retirement from Western Union, he continued his first love, working CW. At Western Union, he started as a messenger and at the age of 17 became an operator, where he moved quickly through the managerial ranks. His 45 year tour with Western Union moved from Maryland to Pennsylvania to West Virginia, first to Wheeling and finally to Charleston, where he retired 26 years ago. Don's friends who wish, may contact him at 122 Sycamore Drive, South Charleston, WV 25309.

-Photo supplied by Arnold Dilly, N8VCD

Get the Hammer!
And let's get technical

-by Randy McKenzie, KB4YFV
3661 AIRPORT RD. - HILLSVILLE, VA 24343
E-mail: rsmckenzie@juno.com

Modifying Business Band Equipment

Before you turn the page, take a minute and read along. Good radio gear is coming out of service on the business bands that will work great on the ham bands with just a little work. The nice part is many of these ex-business/future ham rigs are really LOW COST. I have seen some for as little as $ 25.00 a pickup load !

Changing these radios doesn't always require chopping up circuits or grand modifications. While space is limited here, I do plan on covering some of the main radios on the market, along with the "big picture" of required changes. If you would like specific component changes, E-mail me your requests. I'll provide as much help as possible but no guarantees on everything. Some are easy, some will need some elbow grease. Here goes :

ALL BUSINESS BAND RADIOS

That bargain at the ham fest needs

(Continued on Page 56)

BRIARPATCH AND FOOTHILLS AMATEUR RADIO CLUBS
PRESENT THE

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Kentucky
Happenings

FRED JONES
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wa4swf@foothills.net
511 LACKEY AVENUE
LOUISA, KY 41230

Club Awarded $100,000 in equipment

During last spring's flooding in Falmouth one of the few groups keeping the city afloat was a band of volunteers working as the Northern Ky Emergency Team. District Emergency Coordinator John Meyers, N4GNL, working with 41 Amateurs, some not members of the club, to keep the communications going in the county.

By working with the office of Disaster and Emergency Service, Amateur Radio, by definition of the FCC, is that you provide Emergency Communications. John Meyers said, not every one does that, but there are some of that pride themselves on providing emergency services. In order to keep providing the services John has requested funds from each of the eight counties in Northern Kentucky to be used to help pay phone and electric bill's, which fall in the range, $100 to $140 each Month.

At their Sept. 9th meeting The Kenton County Fiscal Court voted to grant the group $500. The N.K.A.R.C has tried to fund itself since 1951. But we need much more to keep things running now. We are planning on having six more repeaters on the air and that means six more electric bill's and six more phone bill's. Well this is where AT&T came in.

AT&T will provide the group with $100,000 worth of equipment, including two new repeater controllers, antennas and tower space. Phone-line connections on each of the repeaters allow users to make, phone calls from the emergency to a direct contact. Such as the DES, Fire Dept, Police, Ambulance, call out members for assignments. Plus things that you want to talk about and not have it go over the repeater. Now with the receiver sites in Boone and Campbell counties, Meyers hopes to have sites in Carroll County, will supply the ARES of Gallatin, Owen and, Carroll Counties. This will help to call up the Amateur Radio Emergency Teams.

Meyers said, "If I can help in an emergency or in a no-emergency, that's a feeling you don't get every day."

I know that Meyers goes at things with a very positive manner of doing things. Jake McMcHendix, WD4PBF, is Emergency Coordinator for the county. With the K4CO repeater Jake holds his emergency net training once a week. The K4CO and W4YMH repeater systems have been working pretty hard lately.

I talked with John and Jake at The Northern KY Hamfest and they gave me a tour of their new bus and what they had planned for it. Also they explained to me their goals for an emergency command center of their own.

I have asked John Meyers to make sure that he keeps, SERA Kentucky News posted on all the moves that go on with AT&T so we can keep everyone updated on this.

* * * * *

I hope that everyone will get to information to me on what is going on in your area. If you want something put in the Journal please get it to me. I need to hear from a lot you. (Fred)

The SERA Repeater Journal Southeastern 1998
HAMFEST/CONVENTION SCHEDULE

REMAINDER OF 1997

NOVEMBER, 1997

8 . . . . Hamfest at Fox Lake Pk, TITUSVILLE, FL
8 . . . . . Twin City Hams Hamfest, WEST MONROE, LA
8. . . . . 20th Annual Hamfest, MONTGOMERY, AL
8. . . . . SC State ARRL Conv/HF, MYRTLE BEACH, SC
15-16. . . . . IN ARRL State Conv./HF, FT. WAYNE, IN
16. . . . . . JARSFEST at American Legion, BENSON, NC
21-22 (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
22-23. . . FL State ARRL/Suncoast Conv '97, TAMPA, FL

DECEMBER, 1997

6. . . . Hamfest & Computer Show, GREENSBORO, NC
6 . . . . Wiregrass ARC Hamfest, DOTHAN, AL
6 . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
6. . . . . Hamfest at Booster Stadium, OCALA, FL
13 Union "Christmas Fest"at Nat'l Grd Arm., UNION, SC
13 . . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

THE 1998 HAMFEST CALENDAR

JANUARY, 1998

3 . . . HF at Talley Ward Rec Cen, MORRISTOWN, TN
3-4 . . . . Hamfest FT. MYERS, FL
4. . . . . . Michiana Valley Hamfest, SOUTH BEND, IN
10*. . . . . Hamfest, GREENWOOD, SC
10-11* . . . . Hamfest, SARASOTA, FL
17* . . . . Hamfest, CRYSTAL RIVER, FL
17 . . . . Hamfest at SLU Univ., HAMMOND, LA
18. . . . . . FrostFest at the Showplace, RICHMOND, VA
18 . . Hamfest at Boys/Girls Club, PINELLAS PARK, FL
24 . . . . . TN Val. AR Network Hamfest, GALLATIN, TN
31. Hamfest, GREENVILLE, AL

FEBRUARY, 1998

7. . . . . Hamfest at Stall HS, N. CHARLESTON, SC
7* . . . . HF at Bayfront Aud., PENSACOLA, FL
7*. . . . . HF at DeSoto Cty FG, ARCADIA, FL
7-8. . . . MS St. ARRL Conv/Hamfest, JACKSON, MS
7-8. . . . . FL St. ARRL/HF Dade Expo Cen, MIAMI, FL
8*. Hamfest, MANSFIELD, OH
13-15 . . . . Conv/HF Cen. Fl. FG, ORLANDO, FL
21 . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
21*. . . . . Hamfest, LaPorte CC, LaPORTE, IN
21* . . . . . . HF at Hernando Cty FG, BROOKSVILLE, FL
21-22 . . . . Gr.Lks ARRL Conv./HF, CINCINNATI, OH
22 . . . . . . Hamfest at High School, FAYETTEVILLE, WV
22* . . . . Winterfest, VIENNA, VA
28 . . . . Dalton ARC Hamfest, DALTON, GA

MARCH, 1998

7*. . . . . NE Bubba Net Hamfest, COMER, GA
7* . . . . Black Warrier Swapfest, TUSCALOOSA, AL
7* . . . . Swapfest, HAZARD, KY
7-8 . . . HF/Comp. Show, Trade Cen, CHARLOTTE, NC
7-8* . . . . Hamfest, LAFAYETTE, LA
8 . . . . Hamfest, CONNEAUT, OH
8. . . . . . . Hamfest/Computer Show, INDIANAPOLIS, IN
14* Kerbella Hamfest at Shrnrs. Temple, KNOXVILLE, TN
14. . . . . HF at Nat'l Grd. Armory, SEBRING, FL
14* . . . . . Kennehoochee ARC Hamfest, MARIETTA, GA
15 . . . . Hamfest at Civic Center, CHARLESTON, WV
15* . . . . Keystone VHF York Springfest / YORK, PA
15* . . . . Toledo MRA Hamfest, (Maumee), TOLEDO, OH
21* . . . . Hamfest, Martin Cty. Fg, STUART, FL
20-22. . . . Swapfest at Cty FG, FT. WALTON BEACH, FL
22. . . . . HF at Lenior Cty. Fairgrnds, KINSTON, NC
27-28* (Fri-eve-Sat). . . . . Hamfest, COLUMBUS, GA
28* . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
28 . . . . Hamfest, ELIZABETHTOWN, KY
28-29. . . . MD St. ARRL Conv. Hamfest, TIMONIUM, MD

APRIL, 1998

4*. . . . . 2nd Cave Run ARA Hamfest, MOREHEAD, KY
4*. . . . . Hamfest, AIKEN, SC
4 (New) Catawba Val. HF & Comp., MORGANTON, NC
4*. . . . . Hamfest, NATCHEZ, MS
4-5* . . . . Hamfest, ALBERTVILLE, AL
5 . . . . . NC State ARRL Conv/HF at FG, RALEIGH, NC
10-11 (fri eve-sat) . . . . Hamfest, TUPELO, MS
11-12* Ham/Comp. Fest-St. Famrers Mkt, ATLANTA, GA
18* . . Central GA ARC Hamfest, WARNER ROBINS, GA
18* . . . . Hamfest, EASTVIEW, TN
18* . . . . HF at Karyae Park, GASTONIA, NC
18-19*. . . . . Hamfest, BIRMINGHAM, AL
19* . . . . . . ARRL DE State Conv./HF, NEW CASTLE, DE
24-25 . . . . Little Rock Hamfest, LITTLE ROCK, AR
25* . . . . CARS Springfest , CHESAPEAKE, VA
25 . . . Cen. WV HF, Braxton Mid.Sch. FLATWOODS, WV
25-26* . . Hamfest at Alachua Cty. FG, GAINESVILLE, FL
26* . . . . Athens Co. ARA Hamfest, ATHENS, OH

MAY, 1998

2. . . . . . Owensboro ARC Hamfest, OWENSBORO, KY
2. Hamfest, KANSAS CITY, MO
2* . . Hamfest at Paulding Meadows Park, DALLAS, GA
3 . . . Great Hagerstown Hamfest, HAGERSTOWN, MD
3. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
9* . . . . Hamfest, STATESBORO, GA
9* . . . Com. & Elec Show at Fairgrnds, KNOXVILLE, TN
9* . . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
10* . . . . Medina 2M Grp. Hamfest, MEDINA, OH
15-17 . . . . 47th Hamvention, DAYTON, OH
16-17* . . . HF, ANDERSON, TOCCOA, HARTWELL, GA
22-23* . . . . . HF at Jackson Cty. FG PASCAGOULA, MS
23*. . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC
30* . . . . Hamfest, NASHVILLE, TN
30-31*(Sat. eve, Sun) . . HF at Frgrnds, CONCORD, NC

JUNE, 1998

7*. . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
7*. . . . . Hamfest, PRINCETON, IL
7* . . Char. ARC Hamfest/Comp Fair, CHARLOTTE, NC
7* . . . . . N. Ky ARC Ham-O-Rama 98, ERLANGER, KY
7*. . . . . Goodyear ARC Hamfest (Suffield) AKRON, OH
7* . . . . . . CVARA Picnic/HF at C.C., LYNCHBURG, VA
12-13* (Fri.eve-Sat). . . . HF/Computer Fair, ALBANY, GA
13*. . . . . Hamfest, SALEM, IN
13* . . . . Hamfest at Dixie Cl. FG WINSTON-SALEM, NC
20. . . . HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
19-21 . Hamfestival '98 - Conv/Hamfest ATLANTA, GA
21. . . . . Frederick ARC Hamfest, FREDERICK, MD
27*. . . . . Paducah ARA Hamfest, PADUCAH, KY

JULY, 1998

4*. . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
11* . . . . Hamfest, SPRUCE PINE, NC
11-12* . . . . Hamfest, INDIANAPOLIS, IN
18* . . . . W. Cen. ARC Hamfest, LEESVILLE, LA
18*. . . . . Plateau ARC Hamfest, CROSSVILLE, TN
18*. Hamfest, CLEVELAND, TN
18 . . . . Midsummer Swapfest, CARY, NC
25* . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
26*. . . . BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 1998

1 . . KY Colonels ARC Hamfest, BOWLING GREEN, KY
1*. . . . High Point ARC HF at Armory, HIGH POINT, NC
1* . . . . Hamfest, SPRINGFIELD, MO
1-2* . . . . Hamfest, JACKSONVILLE, FL
2* . . . . . Athens HF at Civic Cen., WATKINSVILLE, GA
2* . . . . . 48th Annual Winchester HF, BERRYVILLE, VA
8. . . . . . . TARA HF & comp. Show, HUNTINGTON, WV
8-9* . . . . Hamfest, Shreveport, BOSSIER CITY, LA
9* . . . . . Hamfest at Westn. Hills HS, FRANKFORT, KY
15-16* . . . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
16*. . . . . Union Cty. ARC Hamfest, BROADWAY, OH
22* . . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
22. . . . . HF at Salem Civic Cen., ROANOKE, VA

SEPTEMBER, 1998

5-6*. . . . . HF at Clev. Cty FG, SHELBY,
6*. . . . St. Clair ARES/RACES Hamfest, PELL CITY, AL
6* . . . . . FARFEST '98 Hamfest, GAITHERSBURG, MD
12* . . . . Hamfest, GREENVILLE, MS
12* . . . . Hamfest, DALLAS, GA
12-13* . . . . . . Hamfest at Auditorium, MELBOURNE, FL
13* . . . . UCARS HF at Nat'l Grd. Ar., MONROE, NC
13*. . . TSRAC Hamfest/Computer Fair, WHEELING, WV
19 . . . . Ky State ARRL Conv/Hamfest, LOUISVILLE, KY
19* . . . . . . Lanierland ARC Hamfest, GAINESVILLE, GA
19* . . . Mam. Cave ARC Ham/Swapfest, CAVE CITY, KY
19-20. . . Roa.Div ARRL Conv/HF, VIRGINIA BEACH, VA
20 . . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
20* . . . . Hamfest at Rec. Cen., NEW PORT RICHEY, FL
26*. . . Anderson RC HF at Civic Cen., ANDERSON, SC
26* . . . . CRA/TTARS Hamfest, COOKEVILLE, TN
26-27*. . . . . Mobile ARC Hamfest, MOBILE, AL
27* . . . . Hamfest, (Berea) CLEVELAND, OH
27*. . . . . Hamfest, BUTNER, NC

OCTOBER, 1998

3* . . . . Hamfest/Computer Fair, ROCK HILL, SC
3-4*. . . . . Hamfest, BILOXI, MS
10* . . . . . . 50th Annual HF/Comp Show, AUGUSTA, GA
10-11*. . . . . Memfest '98 Hamfest, MEMPHIS, TN
11*. . . . . Hamfest, MAYSVILLE, NC
11* . . . . Hamfest, WAYCROSS, GA
16-17. . . . . Hamfest at Bradford Cty. FG, STARK, FL
17* . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
17-18* . . . . Hamfest at Fairgrnds., W. PALM BEACH, FL
24* . . . . SW LA ARC Hamfest, LAKE CHARLES, LA
24*. . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
24-25*. . . . . Hamfest '98, CHATTANOOGA, TN
25* . . . . Hamfest, LEBANON, IN
25* . . . . . . Mason-Dixon Hamfest, WESTMINSTER, MD
25* . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 1998

7-8* . . . . . HR/Comp. Expo '98, LAWRENCEVILLE, GA
7*. . . . . Hamfest, TITUSVILLE, FL
7*. . . . . Twin City Hams Hamfest, WEST MONROE, LA
7* . . . . 21st Annual Hamfest, MONTGOMERY, AL
7* . . . . SC State ARRL Conv/HF, MYRTLE BEACH, SC
14-15. . . . IN State ARRL Conv/Hamfest, FT. WAYNE, IN
15* . . . . . JARSFEST at American Legion, BENSON, NC
20-21* (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
21-22. . . . . . S.FL.Sec. Conv. Sun Coast HF, TAMPA, FL

DECEMBER, 1998

5* . . . Hamfest & Computer Show, GREENSBORO, NC
5*. . . . . Wiregrass ARC Hamfest, DOTHAN, AL
5*. . . . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
5* . . . . Hamfest at Booster Stadium, OCALA, FL
12* . . . . Union Cty ARC Hamfest, at Armory UNION, SC
12*. . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL and the response of many clubs and individuals sponsoring hamfests and computerfests.

Hamfest Sponsors!

The Repeater Journal can help you maintain that all important attendance record you have at your hamfest. Call the Advertising Department of the Repeater Journal today, and let us help you set up an advertising program for your show.

Your competition has!!

You'll get the best "Bang" for your "Buck"!!!!

Get The Hammer!

(Continued from Page 54)

to be looked at. Look at it, is it dented, dirty, covers missing, crystals removed, wires cut, cables missing? A little cleaning can do wonders but missing components can be very expensive. Use some common sense and trust your gut instincts. Ask several questions: Where did it come from; what frequency is it on; do you have the books with it ? The FCC label needs to be there if you don't have anything else. Via the FCC label you can find out the frequency band and options of the unit. If you E-mail me about a certain radio, send me the FCC data numbers so I can look it up.

I have had requests for information on the AEROTRON MEGA to 6 meters:

Several states had this radio either for DOT or police use. These units are trunk mounted, usually 100 watts, synthesized. I have found the biggest problem with these are the control head plugs becoming dirty.

Changing this radio requires modification to the VCO and 12 component changes. The "D" range (42-50 mhz) is the desired model. Look for a "D" at the end of the FCC data. There is one problem I found while working with this series MEGA. It will only program to 10 khz channel spacings.

What does this mean to the hopeful ham? NO 52.525 mhz simplex. Repeater splits are no problem, as long as they are 10 khz spacing. I can live without the 52.525 mhz.

Most GE Master II and Motorola Micor radios in the 40 to 50 mhz, 150 to 160 mhz, and 450 to 460 mhz ranges will tune to the ham bands with only replacing the crystals. These two radios are probably the most used in making repeaters. I personally use the GE Master II for my 6 meter and 440 repeaters.

Other good radios I have found include: GE Exec II, Delta, and Ranger, Motorola Syntor, Mitrek, and Maxtrac.

Keep your eyes open when shopping around for your future rig. The problems the radio had in the business band will follow it to the ham band unless you know the fix. Just remember when all else fails. GET THE HAMMER!

Amateur Radio Growth Stagnant!

-Some info from W5YI Report used in this item

The number of people getting their Amateur license has dropped even more during fiscal year 1997. Through August of 1995 it was expanding at an average rate of 7% until last year when the rate slipped to 1.8%. This year it was only 1.1% or only 8,002 new hams. Five years prior to August 1995, the ham ranks were swelling at a rate of 50,000 per year.

Statistics supplied by the FCC now show that 45% of all amateurs now hold either a Tech Plus or a Technician ham ticket - the highest percentage ever. Codeless Technician Amateurs grew by 12.8%, while Extra, Advanced, General decreased by 2.2%. Presently there are a total of 721,835 licensed Amateurs, compared to 713,833 at the end of fiscal 1996.

In the eight SERA States, North Carolina continues to lead in Amateur population with 18,449 followed by Virginia with 17,400 and Georgia with 15,057. Fourth was Tennessee with 14,391, followed by Kentucky 9,145, South Carolina, 6,826, West Virginia, 6,463 and Mississippi with 4,925 hams. This makes a total of 92,656 hams in the SERA 8 states.

Prior to no-code, about 60% of hams were General, Advanced or Extra. Today, they total only 43.5%.

Financial Report - by Ray Adams W4CPA

TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

FINANCIAL REPORT FROM JANUARY 1, TO SEPTEMBER 30, 1994, 1995, 1996 AND 1997

	1994	1995	1996	1997
	$8/$20	$8/$20	$8/$20	$8/$20
REVENUES				
Advertising	$12,478.00	$19,349.50	$12,082.00	$12,938.85
News stand sales	1,132.00	1,454,00	2,199.50	1,436.00
Members dues	19,915.00	21,167.05	19,925.50	19,700.75
Interest	115.65	386.89	481.60	479.54
Other	- 0 -	- 0 -	40.00	2,175.00
	$33,640.65	$42,357.44	$34,728.60	$36,730.14
EXPENSES				
Journal production	$19,666.91	$22,890.51	$24,567.36	$18,784.06
Journal distribution	3,555.18	4,162.91	4,293.79	3,688.62
Payroll and payroll taxes	- 0 -	601.56	1,326.12	189.99
Meetings and travel	3,310.62	3,275.61	3,752.43	3,777.05
Postage - other than journal	1,172.55	2,810.56	2,403.69	868.43
Printing - other than journal	736.87	476.07	153.60	557.96
Telephone	656.03	1,082.56	1,376.05	1,390.60
Office expense	400.77	867.09	1,004.43	1,585.03
Amortization and depreciation	3,215.35	3,601.73	4,125.58	3,866.50
Other	268.68	3,000.96	287.26	176.10
	$32,982.96	$42,769.56	$43,290.31	$34,884.34
REVENUE OVER (*UNDER) EXPENSES	$ 657.69	$ 412.12*	$ 8,561.71*	$ 1,845.80
Balances, beginning of year				
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 1,000.00
Net value of office facilities	2,948.64	9,194.05	9,528.30	11,338.48
Cash on deposit	21,385.42	26,909.92	28,949.66	25,660.05
	$25,234.06	$37,003.97	$39,377.96	$37,998.53
Less dues collected, not earned	21,463.50@	24,110.00	24,615.00	24,975.00
	$ 3,770.56	$12,893.97	$14,762.96	$13,023.53
EQUITY TO ACCOUNT FOR	$ 4,428.25	$12,481.85	$ 6,201.25	$14,869.33
Less: Expenses advanced	$ 900.00	$ 900.00	$ 1,000.00	$ 1,000.00
Net value of office facilities	9,194.05	8,394.13	10,252.72	7,471.98
	$10,094.05	$ 9,294.13	$11,252.72	$ 8,471.98
Less dues collected, not earned	16,971.00	18,740.00	19,484.50	16,246.00
	$ 6,876.95*	$ 9,445.87*	$ 8,231.78*	$ 7,774.02*
CASH ON DEPOSIT	$11,305.20	$21,927.72	$14,433.03	$22,643.35

@ = Extraordinary charge on January 1, 1994 to convert accounting for members dues from cash to full accrual basis. Because of this change prior periods are not comparable.

* = negative amount

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ICOM

Handheld	**Mobile**	**HF**
IC-T2A	IC-2000H	IC-706MKII
IC-T22A	IC-207H	IC-707
IC-T7A	IC-2710H	IC-756
IC-W32A	**Receiver**	IC-775DSP
Satellite	PCR-1000	IC-781
IC-821H	R-10 & R-8500	

IC-706MKII

- HF+6 mtr-100w (SSB/CW/FM/RTTY)
- 2 meter-20 watts (SSB/CW/FM/RTTY)
- 0.03-200MHz All Mode Receive
- Noise Blanker IF Shift
- CW Keyer & Pitch Control/Reverse
- VOX & Speech Processor
- LCD Display 1 Hz Readout

IC-2710H

- 2 mtr 50 watt / 440MHz 35 watts
- True dual band w/dual rx
- 220 mem channels /back-lit mic.
- Built-in duplexer/Auto rpt offset
- CTCSS encode built-in
- Large display w/ remotable head
- Rx 118-174, 400-470 MHz

IC-W32A

- 2mtr/440mhz 5 watt
- 8 char alpha display
- 200 EEPROM mem
- Super Audio
- No function key
- PC Programmable
- Advanced VU/UU/VV
- 50 CTCSS en/decode
- Tone Squelch Std
- Built-in weather chn

KENWOOD
KENWOOD COMMUNICATIONS CORPORATION

Handheld	**Mobile**	**HF**
TH-22AT	TM-261A	TS-50S
TH-22ATH	TM-255A	TS-60S
TH-235H	TM-V7A	TS-570D
TH-79AD	TM-742AD	TS-570S
TH-79ADH		TS-870S
TH-G71A		TS-950SDX

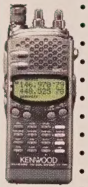
TS-570D/S

- HF Xcvr 100watt 160-10mtr 13.8 VDC
- 6 meters @ 100watts on S model
- 16-bit **DSP** great audio on TX & RX
- Slope tuning/dual VFO's/RS-232 port
- Noise blanker/notch filter/direct freq entry
- World first CW auto tune /100 mem

TM-V7A

- 2 meter 50watt /440mhz 35watt
- 280 memory channels
- Alphanumeric display
- CTCSS encode / decode
- Dual rx same band VV + UU + VU
- 147 chan visual scan(spectrum display)
- Extended rx + air + X band repeater
- Backlit mic & detachable panel

IC-79A-DH



- 2 mtr/440Mhz 5 watts
- 82 non-volatile mem
- Menu system
- Alph 7 char display
- Memory lock out
- Power on call sign display
- Battery save
- auto power off
- Cross band repeater
- function/time-out timer
- Built-in CTCSS en/decode

YAESU

Handheld	**Mobile**	**HF**
FT-10RH	FT-2500M	FT-600
FT-11RH	FT-3000R	FT-840
FT-50RDH	FT-8100R	FT-900CAT
FT-51RH	FT-8500/39	FT-920
VX-1R		FT-1000MP
Satellite	**RECEIVER**	FT-1000
FT-736R	FRG-100B	FT-1000D

FT-920

- HF + 50 MHz with 100 Watts Output
- High Performance - DSP in all Modes
- Auto Antenna Tuner including 50 MHz
- Auto Notch/Noise Reduction Control
- Separate FET RF Amp.- High&Low Bands
- High Resolution DDS Tuning
- Built-in Electronic Keyer (Message Mem Keyer)

FT-8100R

- 2 meter-50watt/440mhz-35watts
- Wide rx 110~550,750~1300MHz
- Dual Band rx VV + UU + VU
- Remote Front Panel Design
- Digital Voltage Display
- User Selectable Regular or RF Squelch
- 208 Memory Channels

VX-1R

- 2mtr/440MHz .5watt
- CTCSS en/decode
- 290 memories
- World smallest
- DTMF paging function
- Alphanumeric display
- Wide VHF/UHF Rx
- Auto power off
- 1 hour charger

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DUAL-BAND MOBILE ANTENNAS

FL-67S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi ⅝ wave 446MHz 7.2dBi ⅝ wave x 3	1.5:1 or less	150 watts	4' 11"	Gold Plated PL-259

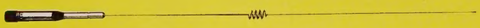
FL-62S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.5dBi ½ wave 446MHz 6.0dBi ⅝ wave x 2	1.5:1 or less	150 watts	3' 5"	Gold Plated PL-259

NEW!

SB-7/SB-7NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi ⅝ wave center-loaded 446MHz 7.2dBi ⅝ wave x 3	1.5:1 or less	70W FM	4' 7"	PL-259 or NMO style



NEW!

SB-5/SB-5NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.0dBi ½ wave 446MHz 5.5dBi ⅝ wave x 2	1.5:1 or less	120W FM	38"	PL-259 or NMO style

NEW!

SB-2/SB-2NMO Dual-Band 146/446MHz

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ¼ wave 446MHz 3.8dBi ⅝ wave	1.5:1 or less	60W FM	18"	PL-259 or NMO style

B-10M
COMET ANTENNA

B-10/B-10NMO Dual-Band 146/446MHz, Cellular Look-a-like

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 0dBi ¼ wave 446MHz 2.15dBi ½ wave	1.5:1 or less	50W FM	12"	PL-259 or NMO style

B-20/B-20NMO Dual-Band 146/446MHz, Cellular Appearance, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 446MHz 5.0dBi ⅝ wave x2	1.5:1 or less	50 watts	30"	PL-259 or NMO style

NEW!

SB-25/SB-25NMO Mono-Band 146MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.1dBi ⅝ wave center loaded	1.5:1 or less	100W FM	4' 9"	PL-259 or NMO style

COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

N.C.G. CO.
NCG

NCG COMPANIES
1275 North Grove Street
Anaheim, CA 92806
(714) 630-4541
FAX (714) 630-7024

NEW!

MINI SPEAKER/MIC

HM-P2K/F
Mini spkr/mic featuring full TX/RX quality!

Light weight, extremely small: 1'x2" with collar pocket clip.

HM-P2K: Kenwood Version
HM-P2F: Icom/Yaesu Standard/Alinco/etc.

TRI-BAND MOBILE ANTENNAS

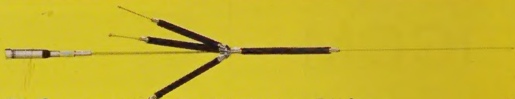
CX-224/224NMO Tri-Band 146/220/446MHz, w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 220MHz 3.6dBi ⅝ wave 446MHz 6.0dBi ⅝ wave x 2	1.5:1 or less	100 watts	3'	PL-259 or NMO style

FJ-15S Tri-Band 52/146/446MHz w/Fold-Over

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
52MHz 2.15dBi ¼ wave 146MHz 4.5dBi ⅝ wave 446MHz 7.2dBi ⅝ wave x 3	1.5:1 or less	120 W FM	4' 10"	PL-259

HF MOBILE AND HT ANTENNAS



NEW!

HA-4S Quad-Band HF 40/*(20)/15/12/10 Meters w/Fold-Over

Wave:	VSWR:	Weight:	Length:	Max Power:	Connector:
¼ wave	2:1 or less	1 lb. 14 oz.	4' 4"	120W SSB (200W SSB 28MHz)	PL-259

*L-14HS Optional 20 Meter Coil

SH-55 Super Flexible 146/446MHz HT Antenna

Gain & Wave:	Max Power:	Length:	Connector:
146MHz 1.5dBi ¼ wave 446MHz 3.2dBi ⅝ wave x 2	10 watts	15.5"	BNC

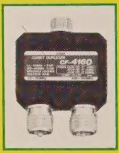
NEW!

CH-722SA High Gain HT Antenna
Gain & Wave: 146MHz 3.0dBi ½ wave
446MHz 5.5dBi ⅝ wave x 2
Max Power: 50 watts
Length: 35", 2 sections, 18" each
Connector: BNC

CH-32 Miracle Baby 146/446MHz HT Antenna
Gain & Wave: 0dB ¼ wave
Max Power: 10 watts
Length: 1.75"
Connector: BNC

MIRACLE BABY
CH-32
COMET ANTENNA

DUPLEXERS AND MOBILE MOUNTS



CF-4106K, I, J,
146/446MHz

Band Pass,	Ins Loss,	Max Pwr.
1.3-150MHz,	0.1dB,	800w PEP
400-540MHz,	0.2dB,	500w PEP

Isolation: 60dB

CONNECTORS:

	4160K	4160I	4160J
Output:	SO-239	SO-239	SO-239
Low In:	PL-259	PL-259	SO-239
High In:	PL-259	N-Male	SO-239

RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.

NEW!

RS-820
Heavy-Duty, Low Profile Trunk Lip or Hatch Back Mount. Rubber-coated base protects vehicle paint.

WS-1M
Multi-Adjustable Window Clip Mount.
11.5 feet of high quality coax. Gold-plated UHF Conns. for Antennas up to 40" in height.

NEW!

3D4M Standard Cable Assembly
13.5 feet of low loss coax. Gold plated UHF (PL-259/SO-239) connectors.

3D5M Standard Cable Assembly
Same as 3D4M, but 17 feet of coax

CK-5M Deluxe Cable Assembly
13 feet double shielded very low loss coax + 12" RG-188 teflon coax. Gold plated UHF (PL-259/SO-239) connectors.

CK-5M5 Deluxe Cable Assembly
Same as CK-5M, but 17 feet of coax